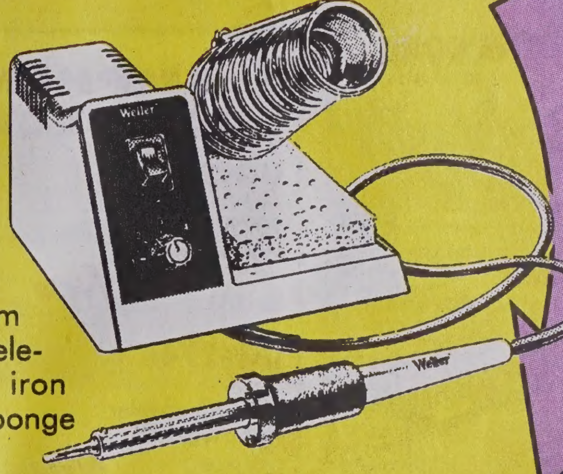
$1.00

HOSFELT ELECTRONICS, INC.

Weller®

WLC100 VARIABLE OUTPUT SOLDERING STATION

Variable power control from 5 to 40 watts. Features: illuminated on/off switch, lightweight 40 watt pencil iron which includes the ST3 interchangeable tip and a cushioned foam grip handle, heating element, safety guard iron holder, and natural sponge tip cleaning pad.



	(1-5)	(6-Up)
WLC100..........................	**$39.95**....	**$36.95**

**ACCESSORIES
SOLD ON PAGE 39**

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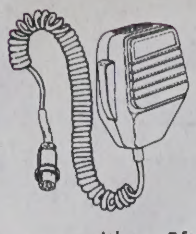
COMMUNICATIONS MICROPHONE

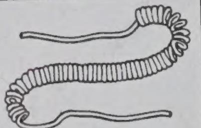
New



Mfg. - TRANS VIDEO
500 ohm, dynamic mylar cone with output control thumb wheel switch. Prewired (3 wires and a shield) to a standard 4 pin female mic plug. Has a rugged black plastic case with a 5ft (extended) neoprene coil cord.

19-138..**$5.95**

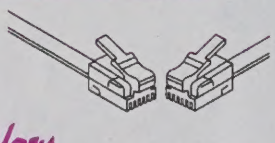
MICROPHONE CABLE



6 wires (5 plus a shield). Length - 6ft (extended) OD - .24", pliable gray rubber jacket. Color code white, black, green, red and brown.

	(1-99)	*(100-Up)*
36-145........................	**$1.75**....	**$1.59**

MODULAR PHONE CORD

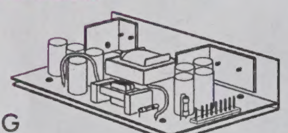


4 pin, 6 position
Male to male
6 foot white

New

80-280..**$ .75**

5 VDC @ 10 AMP

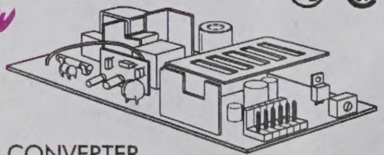


Mfg. - PHIHONG
Mfg.# - PSG-50-5
6-3/8" x 4" x 2"
Input: 120/240 VAC
Output: 5 VDC @ 10 amp
50 watts, switching power supply.

40-143....................................**$24.95**

40 WATT SWITCHING POWER SUPPLY

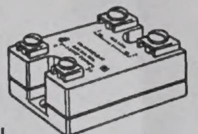
New



Mfg. - CONVERTER
CONCEPTS
Mfg.# - VLC40K3CFR33
5" x 3" x 1-1/4"
Input: 100-240V, 47-63 Hz
Output: +5 VDC @ 3 amp
12 VDC @ 2 amp
-5 VDC @ 500 mA
With 20 CFM air flow +5V will handle 5 amp. On-board EMI filtering, over voltage and short circuit protected.

40-189..**$9.95**

SOLID STATE RELAYS



10 AMP

Mfg. - CONTINENTAL
Mfg.# - S505-OSJ610-000
2-1/4" x 1-3/4" x 1"
Control voltage: 3-32 VDC
Load: 10 amp @ 24-330 VAC *New*
Zero voltage switching
Built in snubber. High surge capability.

45-417....................................**$9.95**

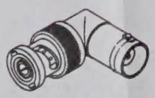
25 AMP

Mfg. - CONTINENTAL
Mfg.# - S505-OSJ625-000
2-1/4" x 1-3/4" x 1"
Control voltage: 3-32 VDC *New*
Load: 25 amp @ 24-330 VAC
Built in snubber. High surge capability.

45-418...................................**$14.75**

AMPHENOL CONNECTORS

UG-306

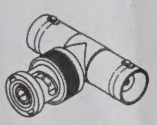


90° BNC right angle
Male to Female

New

80-281..**$2.99**

UG-274A



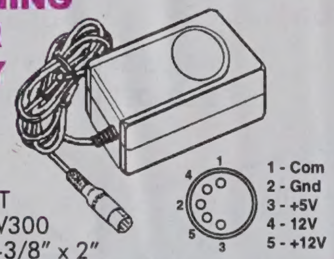
BNC "T" adapter
Jack-Plug-Jack

New

80-278..**$2.99**

SWITCHING POWER SUPPLY

New



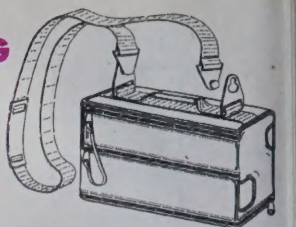
Mfg. - AULT
Mfg.# - SW300
5-3/4" x 3-3/8" x 2"
Input: 100-250 VAC, 50/60 Hz, world wide AC input IEC 320 input receptacle.
Output: +5 VDC @ 4 amp
+12 VDC @ 1 amp
- 12 VDC @ .6 amp
The enclosure and 6ft output cord are black. Output via 180° male din. Overcurrent and short circuit protected. 5V overvoltage crowbar. EMI filtering.

56-567.....................................**$19.95**

IEC power cord for above
60-246..**$2.59**

VINYL CARRYING CASE

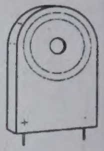
New



Inside dim: 10" x 6" x 3"
This multi purpose padded black bag features a handle and a 1-1/2" wide nylon detachable shoulder strap that is adjustable in length from 28" to 48". Three side zippers for easy access. Originally designed for bag phones.

14-439........................**$1.59**

12 VDC MINI BUZZER

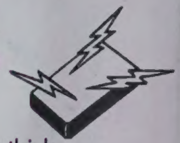


12 VDC @ 10 mA
1"(L) x 1/4"(W) x 1-1/4"(H)
Ivory, pc leads.

13-356...**$ .89**

SUPER MAGNET

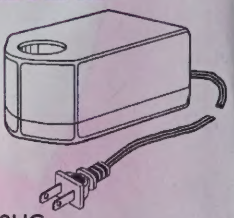
Material: Neodymium Rare Earth, 4lb Pull



17/32" x 29/32" x 5/32" thick.
Super strength in a small package with concentrated gauss and exceptional lifting power. Neodymium/Iron/Boron.

75-121...**$2.49**

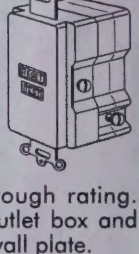
DESKTOP CELLULAR CHARGER



Mfg. - UNITECH
Mfg.# - 48D-12-1000UC
3-1/2" x 2" x 2", 1 lb 3oz
Input: 120 VAC, 60 Hz, 24 watt
Output: 12 VDC @ 1 amp
5-1/2ft long 2 conductor black power cord with molded strain reliefs. Output via cigarette socket.

56-514...**$8.95**

GROUND FAULT CIRCUIT INTERRUPTER



Mfg. - LEVITON
Mfg.# - 6590-I
2 pole, 3 wire grounding
125V AC, 20 amp feed-through rating. Ivory color. Fits standard outlet box and requires a Leviton Decora® wall plate.

New

60-374.................Ivory................**$5.95**

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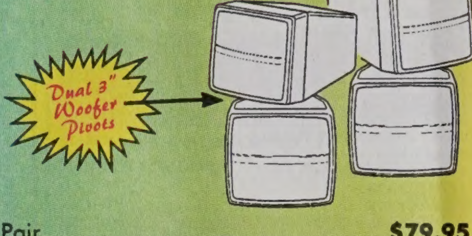
NEW PRODUCTS

SURROUND SOUND

DIRECTIONAL SPEAKERS

New

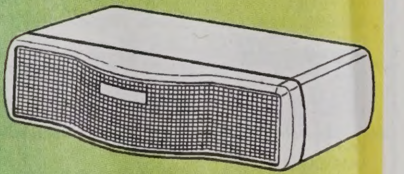


Mfg. - EPITOME, #3581
7" x 4" x 4"
Woofer: Dual 3" directional woofers
Frequency response: 250 Hz to 20 KHz
Impedance: 4 ohm
Power: 40 watts RMS, Sensitivity: 93 dB
Hook-up via polarized spring clip connectors.

13-380...Pair..**$79.95**

SHIELDED CENTER CHANNEL SPEAKER

New

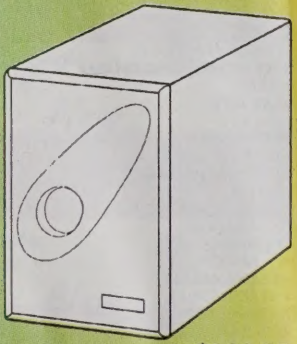


Mfg. - EPITOME, #3532
12-3/4" x 5-3/4" x 4-1/2"
Woofer: Dual 3-1/2" Co-polymer cones
Tweeter: 1/2" mylar cone
Impedance: 8 ohm
Frequency response: 150 Hz to 20 KHz
Power: 40 watts max, Sensitivity: 92 dB
Hook-up via polarized spring clip connectors.

13-382...**$89.95**

PASSIVE DUAL 6-1/2" SUB WOOFER

New

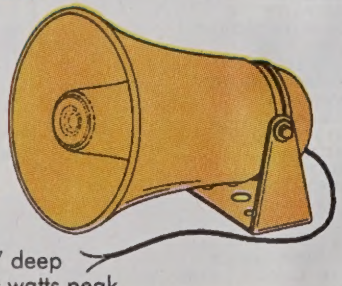


Mfg. - EPITOME, #3620
15-1/4" x 9-/12" x 15-1/8"
Woofer: Dual 6-1/2" Co-polymer cones
Impedance: 4 ohm
Frequency response: 40 Hz to 150 Hz
Power: 100 watts max, Sensitivity: 90 dB
Hook-up via polarized spring clip connectors.
Pair of left/right input and pair of left/right output.

13-381...**$139.95**

WEATHERPROOF SPEAKER

New

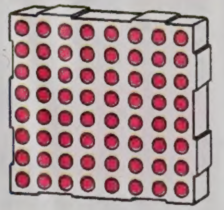


8"dia x 8" deep
8 ohm 30 watts peak
Weatherproof school bus yellow high impact ABS plastic cone, metal body. Very high quality.

13-379....................................**$12.95**

8 x 8 DOT MATRIX DISPLAY

New

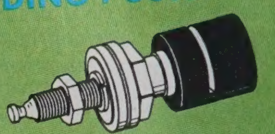


Mfg. - CHINA SEMI
Mfg.# - CSM-88221E
2-3/8"sq x 3/8"
Red (GaAsP/GaP) .2" dot size
Cathode column, anode row
2 volt forward, 5 volt reverse
25 mA continuous forward voltage
4 mcd typical luminosity
Side and end stackable

25-324......................................**$4.95**

SPRING LOADED BINDING POSTS

BACK IN STOCK

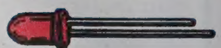


Mfg. - ACCURATE, # 211917
Nylon washers; silicon rubber insulation. Black rubber boot
15 amp. MIL SPEC

74-232........................**$ .99**

LOW CURRENT T 1-3/4 DIFFUSED RED LED

New

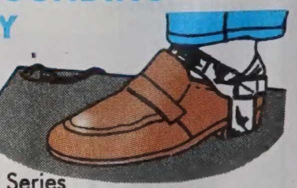


Mfg. - HEWLETT PACKARD
Mfg.# - HLMP-4700
High effieciency red T 1-3/4 (5mm)
2 VDC @ 2 mA, (1.8-2.2 VDC max)
2 mcd luminosity, 50° view angle

	1-99	*100-Up*	*1K-Up*
25-325	**$ .28**	**$ .25**	**$ .20**

SHOE GROUNDING ASSEMBLY

New



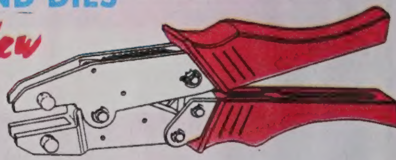
Mfg. - 3M
Mfg.# - 2050 Series
Long lasting assembly grounds personnel when they are in contact with conductive flooring. One size fits most shoes and boots. Includes built-in 1M ohm resistor.

75-256........Heel Assembly..........**$11.49**
75-257.........Toe Assembly..........**$12.59**

1300 SERIES CRIMP TOOL AND DIES

Weidmüller Paladin Tools

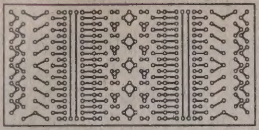
New



54-1302	**Crimp Tool - Frame Only w/out Dies**	**$34.95**
54-2034	Die Set - RG/U Cable 58, 59, 62A	17.49
54-2039	Die Set - RG/U Cable RG8, 213, 216	17.49
54-2046	Die Set - RG58/174, 50/75 ohm ctr pins	17.49
54-2047	Die Set - RG59/8281, 50/75 ohm ctr pins	17.49
54-2027	Die Set - For AMP BNC/TNC RG58	17.49
54-2028	Die Set - For AMP BNC/TNC RG59/62AU	17.49
54-2303	(2) Die Screws - for PAL 1302-ND	4.99

GC PROTOTYPE BOARDS

DESIGN PHENOLIC PROTOTYPE BOARD



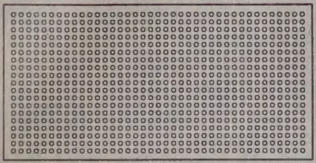
New

5-1/16" x 3-1/8" x 1/16"
Accommodates all type of IC's, transistors and passive components. Lands and buss bars are tin plated. .1" centers.

42-188..**$2.39**

PRINTED STRIP PHENOLIC PROTOTYPE BOARD

New

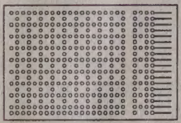


6" x 3-1/2" x 1/16"
Alpha-numerical indexing. Tin plated land patterns for positive pin identification. .1" centers with .035" holes.

42-189..**$4.79**

PLUG-IN IC PHENOLIC PROTOTYPE BOARD

New

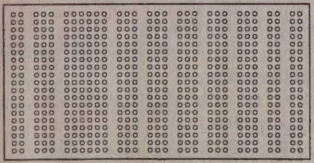


4" x 2-3/8" x 1/16"
IC's plug directly into board. .1" spacing accepts 14, 16 and 20 pin IC's. Silver plated lands with 24-way card edge connector plug on one end. .1" centers with .035" holes.

42-186..**$1.95**

VERSA STRIP PHENOLIC PROTOTYPE BOARD

New



6" x 3-1/2" x 1/16"
Alpha-numerical indexing. Silver plated land patterns. Pre-determined short tracks for multi IC work. .1" centers with .035" holes.

42-187..**$4.99**

POSITIVE PRE-SENSITIZED PHENOLIC PC BOARD

New

Made of 1/16" thick phenolic base with 1oz copper on one side. Coated with positive photo etch. Expose directly from transparency, no negative required. Can be cut to any size. Peel off the protective coating and expose to photo lab bulb or a common fluorescent lamp.

42-190	4" x 6"	**$3.75**
42-191	6" x 6"	**$3.99**

POSITIVE PRE-SENSITIZED PC BOARDS

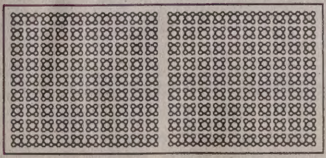
New

Made of 1/16" thick epoxy-glass FR4 PC board with 1oz one side copper. Coated with positive photo etch resist photo sensitizer transparency. Expose directly from transparency. No negative required. Can be cut to any size. Just peel off the protective coating and expose to photo lab or a common fluorescent lamp. Dielectric constant at 1 MHz = 5.3.

42-192	3" x 4"	**$4.79**
42-193	3" x 6"	**$5.29**
42-194	4" x 6"	**$5.99**
42-195	6" x 6"	**$7.89**
42-196	6" x 9"	**$11.49**

PERFORATED PHENOLIC PROTOTYPE BOARD

New

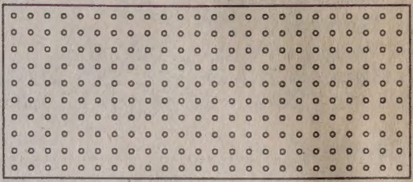


6-3/4" x 3-3/8" x 1/16"
This pre-punched phenolic board has .03" holes and is available in both quad and single patterns.

42-184	Quad land pattern	**$4.49**
42-185	Single land pattern	**$4.49**

PERFORATED BARE PHENOLIC PROTOTYPE BOARD

New



Boards are bare phenolic - no copper clad. The tough phenolic has pre-punched holes which make them excellent for prototypes, breadboards, hobby or science projects.

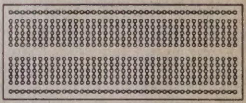
STANDARD "A"
.093" holes with .265" spacing
42-180......8" x 3-3/4" x 1/16"......**$5.45**

MICRO "P"
.042" holes with .10" spacing
42-181......6" x 2-1/4" x 1/16"......**$2.89**

MICRO "P"
.042" holes with .10" spacing
42-182......6" x 4-1/2" x 1/16"......**$4.49**

EXPERIMENTERS PHENOLIC PROTOTYPE BOARD

New



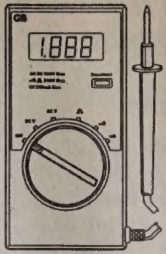
6" x 2" x 1/16"
Ready-to-use copper plated PC board has 550 solder tiepoints, 94 five-point terminals and two 40-point buss strips on .3" centers. Phenolic board has pre-punched holes.

42-183..**$5.59**

GC ELECTRONICS

AUTORANGING POCKET DMM

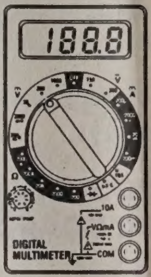
New



Mfg. - GB, #GDT-800
2" x 4-1/2" x 3/8"
5 function, 17 ranges, full autoranging. Features 3-1/2 digit LCD display. Audible continuity test. Data hold. Fuse protected. Built-in color coded test leads. Includes carrying case. One year mfg. warranty.
DC Voltage: 200mV, 2V, 20V, 200V, 400V
DC Current: 0 - 200mA
AC Voltage: 2V, 20V, 200V, 400V
Resistance: 200, 2K, 20K, 200K, 2000K, 20 Megohms
Uses two #LR-44 or SR-44 type 1.5 volt button cells, included.

GDT-800..**$14.95**

3-1/2 DIGIT LCD MULTIMETER

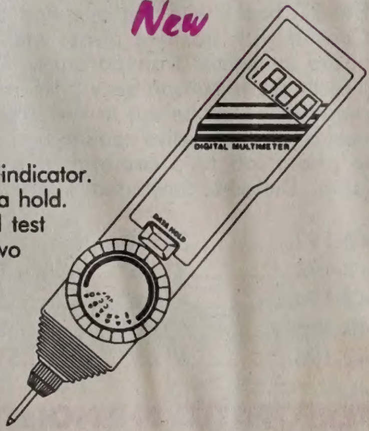


5"(L) x 2-3/4"(W) x 1"(H)
Diode test and hFE test. 3-1/2 digit, 7 segment, .5" high LCD. Maximum common mode voltage 500V peak, better than 1% accuracy. Safety yellow compact case has a single rotary knob. Supplied with removable color coded test leads, 9V battery and manual.
DC voltage: 200mV, 2000mV, 20V, 200V, 1000V
DC current: 200µA, 2000µA, 20mA, 2000mA, 10A
AC voltage: 200V, 750V
Resistance: 200Ω, 2000Ω, 20K, 200K, 2000K

9202..**$16.95**

5 FUNCTION 17 RANGE DIGITAL PEN MULTIMETER

New

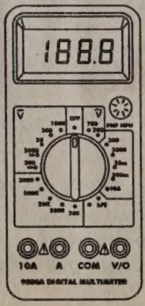


Mfg. - GB
Mfg.# - GDT-160
6-3/4" x 1-1/4" x 3/4"
3-1/2 digit LCD display with function and low battery indicator. Rotary pencil type. Auto ranging, auto polarity and data hold. Includes screw-on alligator clip test lead, 3" insulated test lead, safety test lead and carrying case. Requires two "AAA" batteries.
DC voltage: 200mV, 2V, 20V, 200V, 500V
AC voltage: 2V, 20V, 200V, 500V
Resistance: 200, 2K, 20K, 200K, 2000K, 20M ohm
Diode check
Continuity check

GDT-160..**$17.95**

5 FUNCTION 19 RANGE DMM

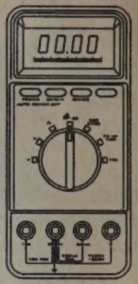
New



7-1/4" x 3-1/2" x 1-3/8"
Diode test and hFE test. 3-1/2 digit, 7 segment, .5" high LCD. Maximum common mode voltage 500V peak, better than 1% accuracy. Gray compact case has a single rotary knob. Supplied with removable color coded test leads, 9V battery, manual and carrying case.
DC Voltage: 200mV, 2000mV, 20V, 200V, 1000V
AC Voltage: 200V, 750V
AC/DC Current: 200µA, 2000µA, 20mA, 200mA, 10A
Resistance: 200, 2K, 20K, 200K, 2000K
Diode Test
hFE Test

9300A..**$24.95**

7 FUNCTION AUTORANGING 3-3/4 DIGIT DMM

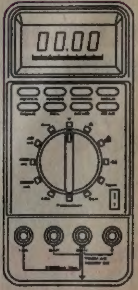


Mfg. - GBT, #GDT-820
7-1/2" x 3-3/4" x 1-1/2"
Full autoranging, 7 functions, 7 positions, 26 measuring ranges. Features data hold to freeze readings. ±2.5% accuracy. Audible continuity check. Fuse protected. Supplied with heavy duty holster/tilt stand, deluxe color coded safety probes, alligator clips and two 1.5 volt "AAA" batteries. One year mfg. warranty.

SPECIFICATIONS:
DC Voltage:
300mV, 3V, 30V, 300V, 1000V
AC Voltage:
30V, 300V, 750V
AC/DC Current:
300µA, 3000µA, 30mA, 300mA, 10 amp
Resistance:
300, 3K, 300K, 3M, 30M ohm

GDT-820...................................**$49.95**

11 FUNCTION AUTORANGING 3-3/4 DIGIT DMM



Mfg. - GB, #GDT-830
7" x 3-1/4" x 1-1/4"
Full autoranging 11 functions, 12 positions and 39 ranges. Features range hold, data hold, relative mode, data memory, and diode check. ±5% accuracy. Audible continuity check. Fuse protected. Supplied with heavy duty holster/tilt stand, deluxe color coded safety probes, alligator clips, 9 volt battery and "K" type beaded temperature probe. One year mfg. warranty.

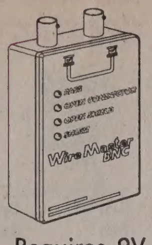
SPECIFICATIONS:
DC Voltage:
400mV, 4V, 40V, 400V, 1000V
AC Voltage:
4V, 40V, 400V, 750V
AC/DC Current:
4mA, 40mA, 400mA, 2000mA, 10A
Resistance:
400, 4K, 40K, 400K, 4M, 40M ohms
Capacitance:
4nF, 40nF, 400nF, 4uF, 40uF
Frequency:
10 Hz, 1000 Hz, 10 KHz, 100 KHz, 1000 KHz
Temperature:
0°F to 2000°F, (-20°c) to (1370°c)
Diode Test: Good/Bad up to 3.2V

GDT-830...................................**$69.95**

New TRIPLETT TEST EQUIPMENT

BNC CABLE TESTER

New

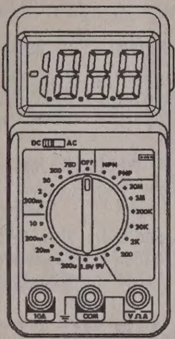


Mfg. - TRIPLETT
1" x 2-3/8" x 3-5/8"
Verifies continuity of coaxial cable with BNC connectors, checks for open conductor, open shield or shorts. Four LED's indicate test results. Requires 9V battery. One year mfg. warranty.

3252..**$34.95**

Model 2202
26 RANGE DMM

New



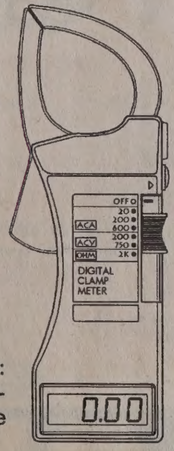
Mfg. - TRIPLETT
5-5/8" x 2-7/8" x 1-1/2"
3-1/2 digit (.87") with max reading of 1999. • DC voltage: 5 ranges 200 mV-1000 VDC • AC voltage: 5 ranges 200 mV-750 VAC • AC/DC current: 200 μA-10 amp • Resistance: 6 ranges 200 Ω-40 MΩ • Diode test • Continuity test • Transistor test • Overload protection to 500 volts on resistance ranges • Built in stand.

Powered by 9V battery included. Also includes carrying case, test leads, spare fuse and user manual.

2202..**$44.95**

Model C45
AC CLAMP-ON METER

New



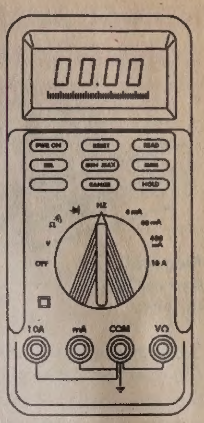
Mfg. - TRIPLETT
8" x 3" x 1-1/2"
3-1/2 digit high contrast LCD with .5" digits.
AC Voltage: 200, 750 VAC
AC Current: 20, 200, 600 amp
Resistance: 2K ohm
Max conductor size: 35mm, 3 samples per second, insulation endurance 4000 VAC for 1 minute.

Powered by 9 VDC battery included. Also includes instruction manual, test leads, wrist strap and one year mfg. warranty.

C45..**$74.95**

Model 4404 34 RANGE DMM

New



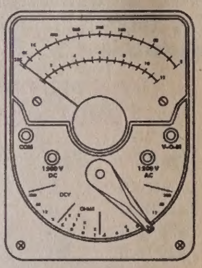
Mfg. - TRIPLETT
7-5/16" x 3-3/8" x 1-1/2"
3-3/4 digit LCD (.55" digits) with a maximum reading of 3999.
• 4000 count digital display with analog bargraph • DC volts: 5 ranges with 5% accuracy to 1 KVDC • AC volts: 5 ranges with 1% accuracy to 750 VAC • AC and DC current to 10 amp • 6 resistance ranges • Frequency measurement to 1 Hz to 999.9 KHz with 5% accuracy • 5 capacitance ranges from 4 nF thru 40 μF with 3% accuracy • Diode and continuity tester • Data hold • Auto power off • Data memory and data memory readout • Overload protection to 500V • Built-in stand • One year mfg. warranty.

Includes user manual, test leads, rubber boot, belt clip, spare fuse and 2 "AA" batteries.

4404..**$109.95**

Model 310
18 RANGE HANDHELD ANALOG VOM

New



Mfg. - TRIPLETT
2-3/4" x 1-5/16" x 4-1/4"
The favorite handheld analog VOM for the maintenance and telecommunications field.
DC Voltage: 0-3, 12, 60, 300, 1200 VDC (±3%)
AC Voltage: 0-3, 12, 60, 300, 1200 VAC (±4%)
Resistance: 0-20K, 200K, 2MEG, 20M Ω (±3%)
DC Current: 600 μA, 6 mA, 60 mA, 600 mA (±3%)

Powered by (1) 12V A23 and (1) 1.5V NEDA# 910 battery included. Also includes 42" safety test leads, screw-on insulated alligator clips and user manual. 3 year mfg. warranty.

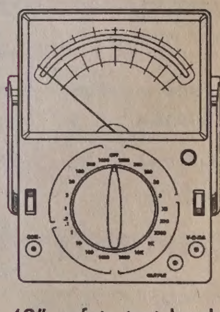
310..**$77.95**

Model 310 accessories:

10-2969	Carrying case with belt loop	**$9.25**
79-695	Test lead with pin cushion clip	**$16.99**
37-21	1.5V "N" size NEDA 910 battery	**$1.19**
37-60	12V battery Eveready A23 (310 series type 6 & 7)	**$1.49**
37-22	15V battery (310 series type 5 and earlier)	**$4.89**

Model 60 27 RANGE ANALOG VOM

New



Mfg. - TRIPLETT
3-1/4" x 5-1/4" x 7-1/4"
This newly designed, rugged meter features high-impact safety orange thermoplastic case.
DC Voltage: 0-.3, 1, 3, 10, 30, 100, 300, 1000 VDC
AC Voltage: 0-3, 10, 100, 300, 1000 VAC
DC Current: 100μA, 10mA, 100mA, 1000mA
Resistance: 0-1K, 10K, 100K, 1M, 10MΩ
Decibels: -20 dBm to +52 dBm

Powered by (1) 9V NEDA 1064 and (1) 1.5 NEDA 13F. Includes 48" safety test leads, screw-on insulated alligator clips, spare 1/8A and 1A fuses and instruction manual. 3 year mfg. warranty.

60..**$172.95**

Model 60 accessories:

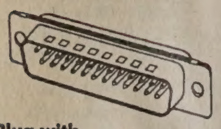
37-36	9 volt battery NEDA 1064	**$1.19**
2426-1	1.5 volt battery NEDA 13F	**$ .99**
79-374	48" safety test leads	**$8.89**

AMP AMPLIMITE™ D-SUB CONNECTORS

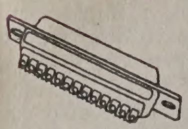
HDP-20 SOLDER CUP CONNECTORS WITH PRE-LOADED CONTACTS

Ⓤ Ⓢ

New



Plug with Grounding Indents



Receptacle

Steel shells have either tin or zinc plating. Connector inserts are 94V-0 rated black thermoplastic. Pre-loaded non-removable solder cup contacts are phosphor bronze with duplex plated gold flash on mating end; tin-lead on solder cup. Accept 20 AWG or smaller solid or stranded wire. Fits .062" (1.57) thick PC board. UL recognized file E28476. CSA certified.

TIN PLATED PLUGS WITH GROUNDING INDENTS

Part#	*Pins*	*Width*	*(1-99)*	*(100-Up)*
747904-2	9	1.213	$1.55	$1.09
747908-2	15	1.541	1.99	1.45
747912-2	25	2.088	2.99	2.19
747916-2	37	2.729	4.25	3.19

ZINC PLATED PLUGS

Part#	*Pins*	*Width*	*(1-99)*	*(100-Up)*
747904-4	9	1.213	$1.49	$1.05
747908-4	15	1.541	1.99	1.45
747912-4	25	2.088	3.05	2.15
747916-4	37	2.729	4.25	3.19

TIN PLATED RECEPTACLES

Part#	*Pins*	*Width*	*(1-99)*	*(100-Up)*
747905-2	9	1.213	$1.99	$1.45
747909-2	15	1.541	2.49	1.99
747913-2	25	2.088	3.45	2.69
747917-2	37	2.729	5.25	3.99

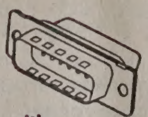
ZINC PLATED RECEPTACLES

Part#	*Pins*	*Width*	*(1-99)*	*(100-Up)*
747905-4	9	1.213	$1.99	$1.45
747913-4	25	2.088	3.45	2.69

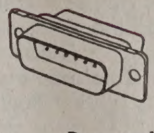
HDP-20 SNAP-IN CRIMP CONTACT CONNECTORS

Ⓤ Ⓢ

New



Plug with Grounding Indents



Receptacle

Steel shells have either tin or zinc plating. Connector inserts 94V-0 rated thermoplastic. Used for discrete wire terminations. UL recognized, file E28476; CSA certified, file LR16455. Order HDP-20 snap-in contacts and tooling separately on this page.

TIN PLATED PLUGS WITH GROUNDING INDENTS

Part#	*Pins*	*W x H*	*(1-99)*	*(100-Up)*
205204-4	9	1.213 x .494"	$1.59	$1.19
205206-3	15	1.541 x .494"	1.62	1.22
207464-2	25	2.088 x .494"	1.65	1.25
205210-3	37	2.729 x .494"	1.99	1.49

ZINC PLATED PLUGS

Part#	*Pins*	*W x H*	*(1-99)*	*(100-Up)*
205204-1	9	1.213 x .494"	$1.15	$ .89
205206-1	15	1.541 x .494"	1.16	.91
205208-1	25	2.088 x .494"	1.19	.93
205210-1	37	2.729 x .494"	1.45	1.15

TIN PLATED RECEPTACLES

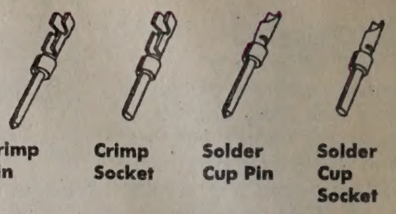
Part#	*Pins*	*W x H*	*(1-99)*	*(100-Up)*
205203-3	9	1.213 x .494"	$1.15	$ .89
205205-2	15	1.541 x .494"	1.16	.91
207463-1	25	2.088 x .494"	1.19	.93
205209-2	37	2.729 x .494"	1.45	1.15

ZINC PLATED RECEPTACLES

Part#	*Pins*	*W x H*	*(1-99)*	*(100-Up)*
205203-1	9	1.213 x .494"	$1.15	$ .89
205205-1	15	1.541 x .494"	1.16	.91
205207-1	25	2.088 x .494"	1.19	.93
205209-1	37	2.729 x .494"	1.45	1.15

HDP-20 SNAP-IN CONTACTS

New



Precision formed snap-in crimp contacts and solder cup contacts fit HDP-20 connectors. Sold in packages of 100.

BRASS PINS

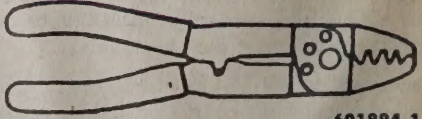
Part#	*Wire Size/Plating*	*Price*
1-66507-0	28-24AWG/gold flash crimp	$ .13
1-66506-0	24-20AWG/gold flash crimp	$ .13
66570-3	18AWG max/gold flash solder cup	$ .17

PHOSPHOR BRONZE SOCKETS

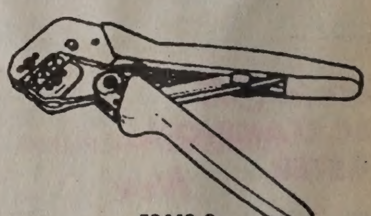
Part#	*Wire Size/Plating*	*Price*
1-66505-0	28-24AWG/gold flash crimp	$ .13
1-66504-0	24-20AWG/gold flash crimp	$ .13
66569-3	18AWG max/gold flash solder cup	$ .19

HDP-20 APPLICATION TOOLING

New



601884-1



58448-2

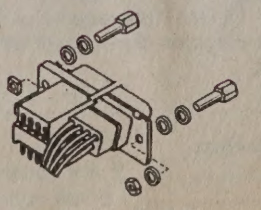
Part#	*Description*	*Price*
91067-2	24-20AWG insertion/extraction tool	$4.75
601884-1	AMP service tool no. 725	$28.95

AMPLIMITE™ D-SUBMINIATURE HARDWARE

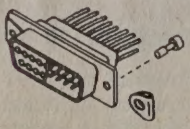
New

All female screwlock kits fit metal shell or plastic connector and include 2 complete assemblies per package.

Part#	*Description*	*Price*
205980-1	Male screw retainer kit for metal shells	$ .39
205817-1	Standard female screwlock kit	.85
207719-1	Long female screwlock kit	.95



Female Screwlock Kit



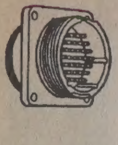
Male Screw Retainer Kit

AMP

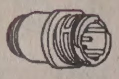
AMP CONNECTORS

SERIES 1 CPC CONNECTORS

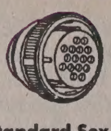
New



Standard Sex Square Flange Receptacle



Standard Sex Free-hanging Receptacle



Standard Sex Plug

Series 1 lightweight, all-plastic connectors permit the use of multiple combinations of signals and coaxial circuits in the same housing by accepting Multimate® contacts, ordered separately on this page. Ideal for standard density applications, these connectors are unsealed units that are CSA certified and UL recognized, 94V-1 rated, heat stabilized, fire resistant and self-extinguishing thermoplastic. Maximum wire insulation dia: .100" (2.54) except for arrangement 23-24 which will accept .150" (3.81) dia.

STANDARD SEX SQUARE FLANGE RECEPTACLES

Part#	Contact Alignment	Price
206061-1	11-4	$1.59
206705-1	13-9	1.65
206036-1	17-16	1.69
206838-1	23-24	1.95
206151-1	23-37	1.75

STANDARD SEX FREE-HANGING RECEPTACLES

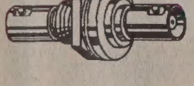
Part#	Contact Alignment	Price
206153-1	11-4	1.49
206705-2	13-9	1.59
206036-3	17-16	1.55
206838-2	23-24	2.59
206151-2	23-37	1.99

STANDARD SEX PLUGS

Part#	Contact Alignment	Price
206060-1	11-4	1.75
206708-1	13-9	1.85
206037-1	17-16	1.95
206837-1	23-24	2.45
206150-1	23-37	2.19

AMP BNC CONNECTORS
50 OHM BULKHEAD

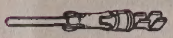
New



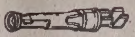
Part#	Body Plating	Center Contact Plating	Dielectric	Price
228226-1	Nickel	Gold	Polyethlene	$4.49

SERIES 1 TYPE III MULTIMATE® CONTACTS

New



Crimp Pin



Crimp Socket

Designed for Series 1 CPC connectors ordered separately on this page. Precision formed crimp types. Brass contact body with tin plating and stainless steel spring. Contact size: 16 pin diameter: .062" (1.57). Test current: 13 amps max.

TIN FINISH PINS

Part#	Wire Size Range AWG	Inside Dia. Range AWG	(1-99)	(100-Up)
66107-2	28-24	.035-.055"	$ .22	$ .16
66103-2	24-20	.040-.080"	.22	.16
66361-2	18-14	.080-.110"	.22	.15

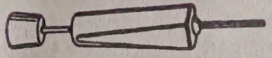
TIN FINISH SOCKETS

Part#	Wire Size Range AWG	Inside Dia. Range AWG	(1-99)	(100-Up)
66109-2	26-24	.035-.055"	$ .40	$ .27
66105-2	24-20	.040-.080"	.25	.18
66360-2	18-14	.080-.110"	.25	.18

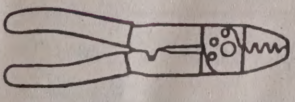
200821-1........Keying Plug (Pkg of 100)..........**$12.00**

APPLICATION TOOLING

New



305183



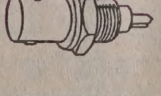
601884-1

Contact extraction tool for circular plastic connector contacts.
305183......................................**$14.82**

Super Champ crimping tool for open-and closed-barrel non-insulated terminals #22 to 10 AWG.
601884-1..................................**$29.95**

AMP BNC CONNECTORS
50 OHM BULKHEAD JACK

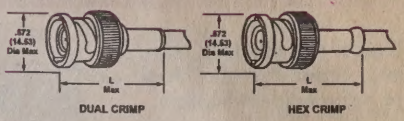
New



Part#	Body Plating	Center Contact Plating	Dielectric	Panel Thickness	Price
227726-3	Nickel	Gold	White VALOX	.046-.250 1.17-6.35	$1.99

AMP BNC CONNECTORS
50 OHM MALE CABLE ENDS

New

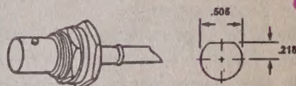


Part#	RG/U Cable	Crimp Type	Plating Center Contact Body	Dielec-tric	Dim (L")	Price
1-227079-6+	174, 188, 188A, 316	Dual	G/N	P	1.09	$1.75
225395-1*		Dual	G/N	T	1.328	2.20
227079-5+	58, 58A 58B, 58C	Dual	G/N	P	1.09	1.59
221128-1+		Hex	G/N	P	1.32	1.62
225395-2*	124, 140, 210	Dual	G/N	T	1.188	2.19
227079-7+	62, 62A, 62B, 59, 59A, 59B, Belden 9291, 9209, 9268	Dual	G/N	P	1.09	1.49

*Mil Type Style +Commercial Grade Style
PLATING: G=Gold N=Nickel
DIELECTRIC: T=Teflon P=Polyproplene

AMP BNC CONNECTORS
50 OHM BULKHEAD JACK

New



DUAL CRIMP

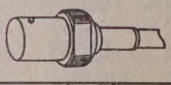
Note: For Mil Type Crimp Bulkhead jacks, use Panel Insulating Bushing Part# 330620 (2 required).

	Dual Crimp Bulkhead Jacks	Meet MIL-C-39012				
Part#	RG/U Cable	Crimp Type	Plating Center Contact Body	Dielec-tric	Dim (L")	Price
225398-2*	124, 140, 210, 62, 62A, 62B, 59, 59A, 59B, Belden 9291, 9209, 9268	Dual	G/N	T	1.625	$3.63

*Mil Type Style
PLATING: G=Gold N=Nickel
DIELECTRIC: T=Teflon P=Polyproplene

AMP BNC CONNECTORS
50 OHM CRIMP JACKS

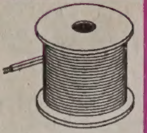
New



Part#	RG/U Cable	Crimp Type	Plating Center Contact Body	Dielec-tric	Spec	Price
225396-1	58, 58A, 588, 58C	Dual	G/N	T	MIL	$3.20
225396-2	124, 140, 210, 62, 62A, 62B, 59, 59A, 59B, Belden, 9291, 9209, 9269	Dual	G/N	T	MIL	3.20

WIRE & CABLE

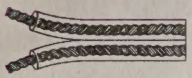
RED & BLACK MARRIED CABLE



Copper stranded zip cord, color coded red and black for polarity identification.

Part#	Length	Price
	18 AWG	
60-192	100ft spool	**$8.59**
60-193	250ft spool	**19.49**
	16 AWG	
60-194	100ft spool	**12.59**
60-195	250ft spool	**28.69**
	12 AWG	
60-196	100ft spool	**26.99**
60-197	250ft spool	**58.99**

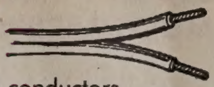
OXYGEN FREE SPEAKER WIRE



12 guage 2 conductor
420 strands of copper wire with clear PVC insulation. Positive and negative markings. Extremely low capacitance, resistance and inductance of these cables transfer signals with high clarity and definition.

	(50ft)	(100ft)	(250ft)
36-147	**$27.95**	**$46.80**	**$91.75**

SPEAKER WIRE ZIP CORD

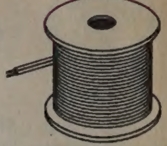


Two stranded, parallel conductors. Used for stereo speaker, automotive cable or any low voltage application. Marked for polarity. Can be separated at ends for hook-up.

Now available in 500ft & 1000ft lengths

Part#	Length	Price
	22 AWG	
36-100	100ft spool	**$3.99**
36-248	500ft spool	**$17.95**
36-249	1000ft spool	**$31.95**
	18 AWG	
36-121	100ft spool	**$6.99**
36-250	500ft spool	**$31.45**
36-251	1000ft spool	**$55.99**
	16 AWG	
36-122	100ft spool	**$12.99**
36-252	500ft spool	**$56.99**
36-253	1000ft spool	**$99.00**
	14 AWG	
36-123	100ft spool	**$17.99**
36-254	500ft spool	**$79.50**
36-255	1000ft spool	**$142.95**

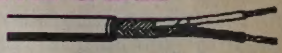
2 CONDUCTOR COMMUNICATION CABLE



Mfg. - CAROL
Mfg.# - C6348
2 conductor, 22 AWG
7/30 conductor strands
Black/Red color code

	(100ft-Up)	(1000ft-Up)
36-146	**$ .06**	**$ .04**

SUPERIOR QUALITY MICROPHONE CABLE



Mfg. - BELDEN
Mfg.# - 8420, 2 conductor with braided shield. 24 AWG conductors. For low impedance applications. .180" OD

Part#	Length	Price
36-115	100ft spool	**$29.95**
36-116	500ft spool	**119.95**

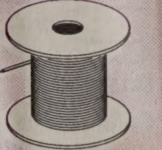
8 AWG HOOK-UP WIRE

Mfg. - DEARBORN
Mfg.# - 236133
Stranded tinned copper with PVC insulation. Stranding: 133/29. Nom OD: .247". Jacket thickness: .04". Voltage rating: 3000 volt. Mil-Spec (MIL-W-16878D)

60-352	white	**$ .45 ft**
60-353	blue	**$ .45 ft**

SINGLE CONDUCTOR STRANDED HOOK UP WIRE

New

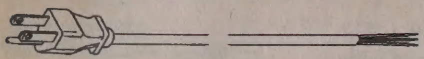


18-26 AWG copper stranded wire with PVC insulation.
This standard hook-up wire is available on 25ft and 100ft spools.

Part#	AWG	Color	Length	Price
36-148	18	Grey	25'	$3.40
36-149	18	Black	25'	3.40
36-150	18	Brown	25'	3.40
36-151	18	Orange	25'	3.40
36-152	18	Ivory	25'	3.40
36-153	18	Violet	25'	3.40
36-154	18	Red	25'	3.40
36-155	18	Green	25'	3.40
36-156	18	Yellow	25'	3.40
36-157	18	Lt. Blue	25'	3.40
36-158	18	Grey	100'	6.95
36-159	18	Black	100'	6.95
36-160	18	Brown	100'	6.95
36-161	18	Orange	100'	6.95
36-162	18	Ivory	100'	6.95
36-163	18	Violet	100'	6.95
36-164	18	Red	100'	6.95
36-165	18	Green	100'	6.95
36-166	18	Yellow	100'	6.95
36-167	18	Lt. Blue	100'	6.95
36-168	20	Grey	25'	2.95
36-169	20	Black	25'	2.95
36-170	20	Brown	25'	2.95
36-171	20	Orange	25'	2.95
36-172	20	Ivory	25'	2.95
36-173	20	Violet	25'	2.95
36-174	20	Red	25'	2.95
36-175	20	Green	25'	2.95
36-176	20	Yellow	25'	2.95
36-177	20	Lt. Blue	25'	2.95
36-178	20	Grey	100'	5.49
36-179	20	Black	100'	5.49
36-180	20	Brown	100'	5.49
36-181	20	Orange	100'	5.49
36-182	20	Ivory	100'	5.49
36-183	20	Violet	100'	5.49
36-184	20	Red	100'	5.49
36-185	20	Green	100'	5.49
36-186	20	Yellow	100'	5.49
36-187	20	Lt. Blue	100'	5.49
36-188	22	Grey	25'	2.79
36-189	22	Black	25'	2.79
36-190	22	Brown	25'	2.79
36-191	22	Orange	25'	2.79
36-192	22	Ivory	25'	2.79
36-193	22	Violet	25'	2.79
36-194	22	Red	25'	2.79
36-195	22	Green	25'	2.79
36-196	22	Yellow	25'	2.79
36-197	22	Lt. Blue	25'	2.79
36-198	22	Grey	100'	4.39
36-199	22	Black	100'	4.39
36-200	22	Brown	100'	4.39
36-201	22	Orange	100'	4.39
36-202	22	Ivory	100'	4.39
36-203	22	Violet	100'	4.39
36-204	22	Red	100'	4.39
36-205	22	Green	100'	4.39
36-206	22	Yellow	100'	4.39
36-207	22	Lt. Blue	100'	4.39
36-208	24	Grey	25'	2.39
36-209	24	Black	25'	2.39
36-210	24	Brown	25'	2.39
36-211	24	Orange	25'	2.39
36-212	24	Ivory	25'	2.39
36-213	24	Violet	25'	2.39
36-214	24	Red	25'	2.39
36-215	24	Green	25'	2.39
36-216	24	Yellow	25'	2.39
36-217	24	Lt. Blue	25'	2.39
36-218	24	Grey	100'	4.05
36-219	24	Black	100'	4.05
36-220	24	Brown	100'	4.05
36-221	24	Orange	100'	4.05
36-222	24	Ivory	100'	4.05
36-223	24	Violet	100'	4.05
36-224	24	Red	100'	4.05
36-225	24	Green	100'	4.05
36-226	24	Yellow	100'	4.05
36-227	24	Lt. Blue	100'	4.05
36-228	26	Grey	25'	2.49
36-229	26	Black	25'	2.49
36-230	26	Brown	25'	2.49
36-231	26	Orange	25'	2.49
36-232	26	Ivory	25'	2.49
36-233	26	Violet	25'	2.49
36-234	26	Red	25'	2.49
36-235	26	Green	25'	2.49
36-236	26	Yellow	25'	2.49
36-237	26	Lt. Blue	25'	2.49
36-238	26	Grey	100'	3.69
36-239	26	Black	100'	3.69
36-240	26	Brown	100'	3.69
36-241	26	Orange	100'	3.69
36-242	26	Ivory	100'	3.69
36-243	26	Violet	100'	3.69
36-244	26	Red	100'	3.69
36-245	26	Green	100'	3.69
36-246	26	Yellow	100'	3.69
36-247	26	Lt. Blue	100'	3.69

LINE CORDS

3 CONDUCTOR LINE CORDS



1ft - Beige
18 AWG/ 3 conductor-SJT0
60-166............O.D. - .32"..........$ .45

1-1/2ft - Black
18 AWG/ 3 conductor-SJT
60-365............O.D. - .31"..........$ .65

3ft - Black
16 AWG/ 3 conductor-SJT
60-346............O.D. - .33"..........$1.35

3-1/2ft - Black
18 AWG/ 3 conductor-SVT
With molded strain relief
for a 3/8" x 9/16" hole.
60-363............O.D. - .25"..........$ .99

3ft-9" - Black
18 AWG/ 3 conductor-SVT
60-317............O.D. - .25"..........$1.35

5ft-8" - Beige *New*
14 AWG/ 3 conductor-SJT
60-372............O.D. - .35"..........$1.99

6ft - Black
18 AWG/ 3 conductor-SJT
60-335............O.D. - .31"..........$2.25

6ft - Black
18 AWG/ 3 conductor-SVT
60-336............O.D. - .24"..........$2.25

6ft - Gray *New*
18 AWG/ 3 conductor-SJT
60-373............O.D. - .31"..........$2.25

7ft - Black *New*
18 AWG/ 3 conductor-SVT
60-370............O.D. - .25"..........$1.75

8ft - Black
18 AWG/ 3 conductor-SVT
60-338............O.D. - .24"..........$2.49

9-1/2ft - Black *New*
18 AWG/ 3 conductor-SVT
60-371............O.D. - .24"..........$2.99

18ft - safety yellow
18 AWG/ 3 conductor-SJT
60-207............O.D. - .30"..........$1.89

3 CONDUCTOR (18 AWG) POWER SUPPLY CORDS

4ft - Gray - SVT
60-366...$1.25

6ft - Gray - SVT
60-367...$1.99

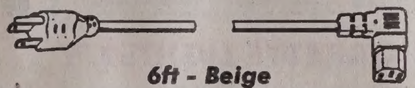
6ft -Taupe - SVT
60-327...$1.99

6-1/2ft - Gray - SVT
60-247...$1.99

6ft - Black - SVT
60-246...$2.59

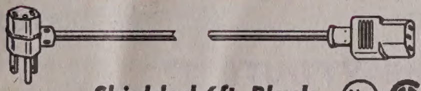
6ft - Beige - SVT
60-169..............shielded..............$3.25

7ft - Black - SVT
60-355...$2.99



6ft - Beige
Mfg. - ELECTRICORD
16 AWG / 3 conductor-SJT
Rated 13 amp @ 125 VAC
60-149............(R/A Down)............$2.99

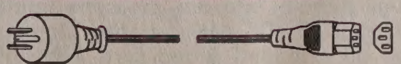
SHIELDED POWER SUPPLY CORD



Shielded 6ft, Black
18 AWG/3 conductor, SJT
60-344...$2.59

Shielded 6'7", Black
Mfg. - BELDEN, #17666
18 AWG/3 conductor, SVT
60-328...$2.59

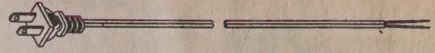
HOSPITAL GRADE POWER SUPPLY CORD



8ft - Gray
Mfg. - MAYOR
SJT, 10 amp/1250 watt cord (OD - .30")
with a Nema 5-15P molded Hospital
Grade plug with green dot.

60-369...$6.95

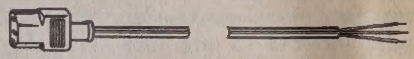
2 CONDUCTOR LINE CORD



5ft 3" - black, polarized
18 AWG/ 2 conductor-SPT-2

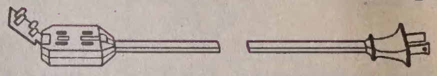
(1-99) (100-Up)
60-250...........Flat...........$ .59......$ .49

I.E.C. CORD



7-1/2 ft - Black
18 AWG/ 3 conductor-SVT
60-364............O.D. - .25"............$1.99

EXTENSION CORD



Mfg. - LEVITON
3 outlet polarized extension cord. 18/2 SPT-2, 10 amp 1250 watt, 125 VAC with snap it cap for unused outlets.

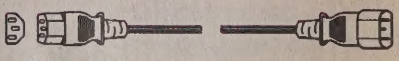
60-185..............9ft - White............$ .89
60-179...........12ft - White............$ .99

GROUNDED 3-OUTLET EXTENSION CORD

Mfg. - ELECTRICORD
8ft, gray, 16 AWG/3 conductor, SPT-2 extension cord with 3 outlets.

60-248...$1.99

MONITOR POWER ADAPTER CABLE



For PC/XT/AT and compatible computers. Allows connection of monitors direct to standard IBM type power supplies.

60-356...............3ft black..............$2.99
60-351...............6ft black..............$3.49

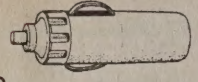
JUMPER CORD

Allows for 1ft extension of your monitor or power supply cords.

60-319...............1ft black..............$2.99

LIGHTER ACCESSORIES

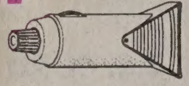
LIGHTER PLUG



Standard 12V auto cigarette lighter plug. Solder terminal hook-up.

75-206..$ .49

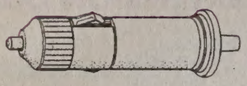
FUSED CIGARETTE LIGHTER PLUG



Mfg. - SAFCO "80"
Brass and metal construction, ABS plastic body. Includes 15 amp fuse. No soldering required.

(1-99) (100-Up)
75-170..........................$1.49....$1.35

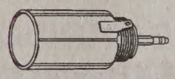
LIGHTED/FUSED LIGHTER PLUG



Uniquely designed, this plug is fused 5 amp at 250V and features a 12 volt grain of wheat bulb that lights up the red translucent back when 12 volts is present.

75-208......................................$ 1.49

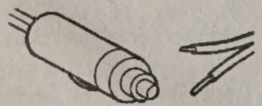
LIGHTER SOCKET



Standard 12V auto cigarette lighter socket. Quick connect for ground.

(1-99) (100-Up)
75-125..........................$1.50....$1.35

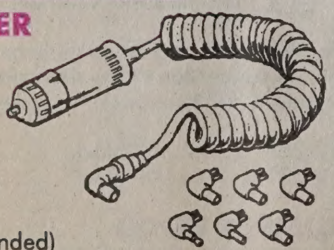
LIGHTER CORD



4ft in length, 20 gauge

(1-99) (100-Up)
75-163...........................$ .75.....$ .69

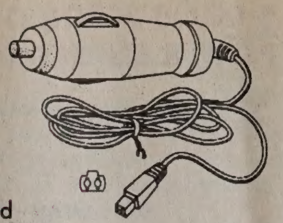
UNIVERSAL FUSED LIGHTER CORD



12ft (extended) coiled cord with fused lighter plug and 6 polarity reversible plugs:
3.5mm, 3.5mm x 1.2mm, 5mm x 2mm,
5mm x 2.5mm, 5.5mm x 1.5mm,
5.5mm x 2mm

60-304.......................................$3.25

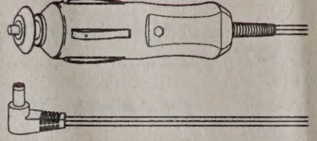
FUSED LIGHTER CORD



6ft 22 AWG cord
Includes 2 amp GMA fuse
Terminates in 2 position molded socket

75-199.......................................$ .95

FUSED LIGHTER CORD

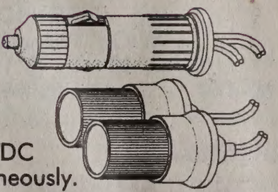


Mfg. - KENWOOD
Mfg.# - W01-0870
4'-10" cord with right angle coaxial plug. OD - 5m, inside pin. Original Kenwood replacement.

New

75-249.......................................$ .99

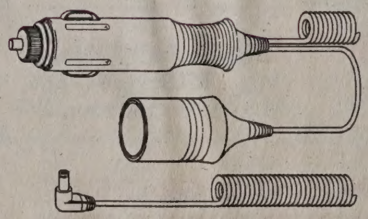
CIGARETTE LIGHTER "Y"



9" overall length. Allows use of two 12 VDC devices simultaneously.

LP5...$3.50

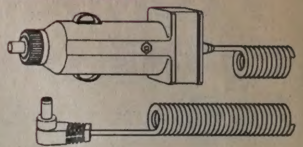
HEAVY DUTY "Y" LIGHTER CORD



Plugs directly into any cigarette lighter socket or 12 VDC power supply. One output: 6ft extended curled cord with right angle coaxial jack: OD - .215", ID - .098"; (Center positive for polarity); Second output 3" straight lead with a lighter socket. Allows use of two 12 VDC device simultaneously. Fused at 3 amp.

75-242.....................................$5.95

RADAR DETECTOR POWER CORDS



4ft coiled cord with fused lighter plug.

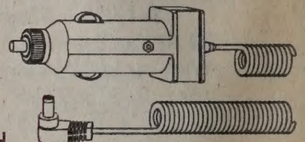
1.3mm right angle plug
60-180.......................................$1.99

2.1mm right angle plug
60-181.......................................$1.99

2.5mm straight, reversible polarity plug
60-182.......................................$2.25

2.5mm right angle, reversible polarity plug
60-183.......................................$2.25

COILED LIGHTER CORD



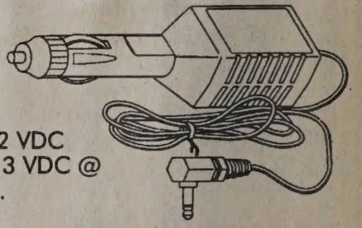
3ft coiled cord
Right angle coaxial plug:
OD - .215"(5.5mm) x ID - .097"(2.5mm)

(1-99) (100-Up)
75-112..........................$1.69....$1.49

4ft coiled cord with lighter plug.
Right angle coaxial plug:
OD - .193"(4.9mm) x ID - .079"(1.93mm)

(1-99) (100-Up)
75-173..........................$1.69....$1.49

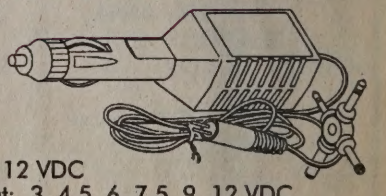
DC AUTO ADAPTER



Input: 12 VDC
Output: 3 VDC @ 500 mA.

75-182.......................................$1.99

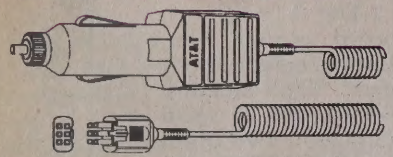
DC AUTO ADAPTER



Input: 12 VDC
Output: 3, 4.5, 6, 7.5, 9, 12 VDC
@ 800 mA
6ft cable with T connector and polarity reversing plug.

75-244.......................................$3.95

DUAL OUTPUT FUSED VEHICLE POWER ADAPTER/BATTERY CHARGER/ELIMINATOR

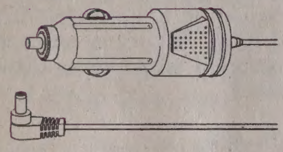


Mfg. - AT&T
Mfg.# - 406967
Input: 13.7 VDC 2 amp
Output: 13.7 VDC 1.5 amp
15 VDC 140mA

Fused at 3 amp, this high quality coiled cord extends 6ft to a 6 pin female polarized Molex connector. Features a green LED power indicator and molded strain relief at both ends.

75-154..**$3.95**

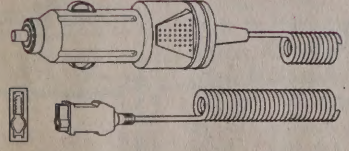
9.3 VDC BATTERY ELIMINATOR LIGHTER CORD



Mfg. - CELL STAR (For AT&T)
Exact replacement cord for AT&T cell phone #3620 to power talk and charge. A micro size switching power supply and variable rate battery charger is integrated into the cigarette lighter plug which gives you a constant 9.3 VDC output. Features LED indicator. Center is positive for polarity. The enclosure and 6ft cord are black. Right angle coaxial jack: OD - .136", ID - .05"

60-368..**$7.95**

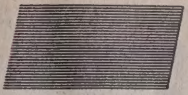
JRC BATTERY ELIMINATOR LIGHTER CORD



Mfg. - JRC, #850PP
Power plus for JRC PTR-850. Attaches to the phone with a standard battery. Powers the phone and fast charges the battery to 50% capacity in 1 hour, 100% recharging in 3 to 5 hours.

75-239..**$2.95**

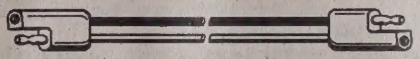
RIBBON CABLE



Gray 28 AWG stranded ribbon cable with .05" center spacing. Mates with all industry stranded flat cable connectors.

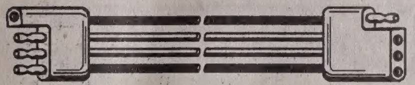
Part#	Price 10ft	Price 100ft
20 Conductor		
36-129	**$2.90**	**$23.00**
24 Conductor (Blue in Color)		
36-125	**$3.70**	**$28.00**
26 Conductor		
36-127	**$3.80**	**$29.00**
34 Conductor		
36-131	**$4.90**	**$39.00**
40 Conductor		
36-133	**$5.90**	**$45.00**
50 Conductor		
36-135	**$7.50**	**$59.00**
60 Conductor		
36-137	**$8.90**	**$75.00**

POLARITY PLUGS



2 pin molded connector. 12" red & black leads. Keyed for correct hook-up every time.

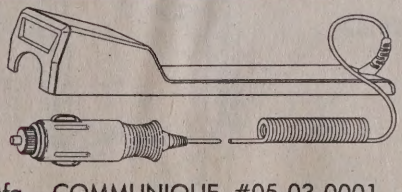
52-107	10 AWG	**$1.75**
52-108	18 AWG	**$1.25**



4 pin molded connector
12" leads, one each of white, green, brown and yellow. Keyed for correct hook-up every time.

52-109	18 AWG	**$1.99**

BATTERY ELIMINATOR

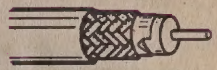


Mfg. - COMMUNIQUE, #05-03-0001
Designed for Motorola standard 8000/9000 series. This high quality battery eliminator enables you to use your portable cellular phone powered through the cigarette lighter jack in your car or boat. It is fused at 2 amps and extends to 6ft with LED power indicator. Black.

75-245..**$4.95**

COAXIAL CABLE

RG6/U



OD - .28" black
75 ohm impedance
40% aluminum shield, 18 AWG solid center

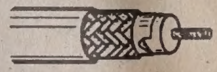
60-236..**$ .12/ft**

RG8/U

OD - .40" black
50 ohm impedance
95% copper shield, 11 AWG stranded center

36-111..**$ .39/ft**

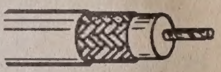
RG8-X-95



OD - .24" gray
50 ohm impedance
70% copper shield, 13 AWG stranded center

60-216..**$ .23/ft**

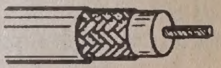
RG58/AU-B



OD - .189" black
50 ohm impedance
95% copper shield, 20 AWG stranded center

60-217..**$ .14/ft**

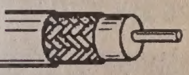
RG59/AU-B



OD - .20" black
75 ohm impedance
80% copper shield, 22 AWG stranded center

36-114..**$ .14/ft**

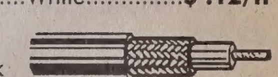
RG59/U-TV CABLE



OD - .24"
75 ohm impedance
80% copper shield, 22 AWG solid center

60-175	Black	**$ .12/ft**
60-318	White	**$ .12/ft**

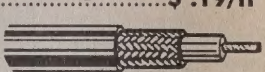
RG62A/U



OD - .24" black
93 ohm impedance
95% copper shield, 22 AWG solid center

60-237..**$ .19/ft**

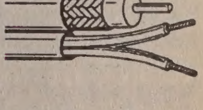
RG174/U



OD - .1" black
50 ohm impedance
88% copper shield, 26 AWG stranded center

60-238..**$ .19/ft**

RG-59U WITH 2 CONDUCTOR CABLE



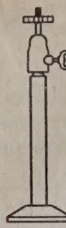
New

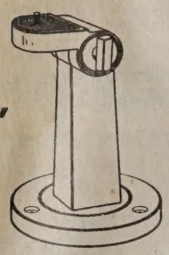
Dual type cable ideal for CCTV, radio and TV cameras with audio. RG-59U is 22 AWG solid copper center with 95% shield. The 2 conductor is 18 AWG and color coded.

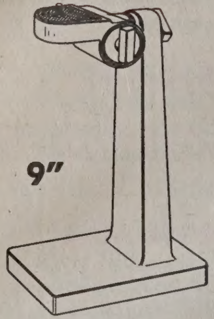
36-250..**$ .35/ft**

MOUNTING BRACKETS

UNIVERSAL CAMERA MOUNTS





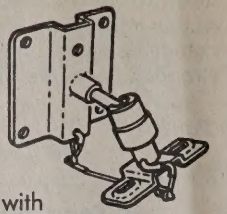


Single arm ceiling wall camera brackets. Arm rotates in base and head tilts. 1/4" / 20 stud compatible with most cameras. Made from high impact ABS black plastic.

75-146	5"	**$14.95**
75-237	6"	**$16.95**
75-238	9"	**$18.95**

SPEAKER HANGING BRACKETS

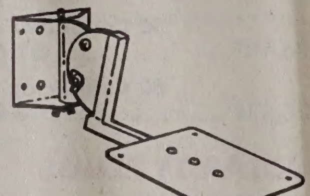
New



Wall or ceiling brackets for hanging "bookshelf" speaker cabinets. Constructed of steel with black scratch resistant finish. Mounts on back of speaker. Tilts (120°) and swivel (90°) for easy maneuverability. Holds up to 12 lbs. Sold in pairs.

74-500..**$19.95**

DELUXE SPEAKER WALL MOUNT

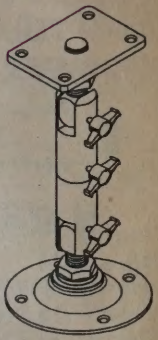


New

Constructed of steel with scratch resistant black finish. Accommodates up to 12" x 12" 20 lb speakers. Tilts (20°) and swivels (90°) for easy maneuverability. Sold in pairs.

74-501..**$26.95**

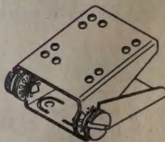
6" CELLULAR PHONE MOUNTING BRACKET



6" x 2-1/2"
Pedestal mount tilts, swivels and adjusts to any position. Shaft and end nuckles made of solid aluminum. Two steel base plates with four pre-drilled holes and plastic T-handle adjustments with metal screws. Black-textured coated body.

74-491..**$9.95**

CLAMSHELL MOUNT



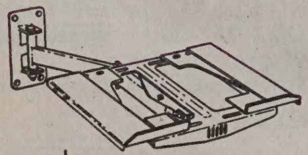
2" x 2-1/2"
180° universal pre-drilled plate, heavy-gauge steel construction with black finish. Mounts in any vehicle. Can adjust to any angle. Includes mounting hardware, assorted terminals and two 3 amp AGC fuses.

74-492..**$2.75**

CCTV MONITOR/TV MOUNTING BRACKETS

WALL MOUNT

New



Dual arm tempered steel brackets. Accepts 12" to 17" wide monitor/TV up to 66 lbs. 26" max arm extended. Space saving, contemporary design that swivels and tilts for easy viewing. 220° swivel angle, 15° fixed tilt angle. Features non slip pads on base.

74-497	Black	**$49.95**
74-496	White	**$49.95**

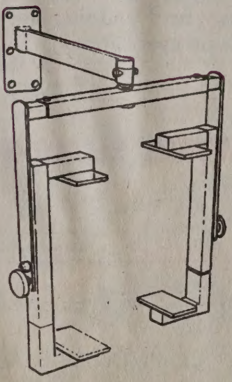
STUD MOUNT KIT

Includes everything you need to mount the above system into wooden wall studs.

74-502	Black	**$16.95**
74-503	White	**$16.95**

DELUXE WALL MOUNT

New

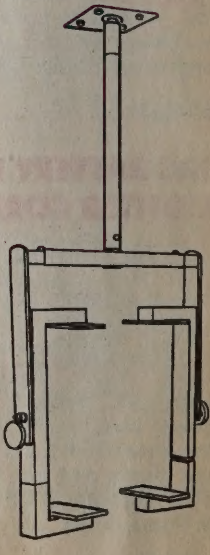


Constructed of steel with scratch resistant black finish. Accepts 14" to 29" wide monitor/TV (21" max depth) up to 110 lbs. Arm rotates 90° either side of center Up to 30° tilt angle. Non slip pads on clamps.

74-498..**$129.95**

DELUXE CEILING MOUNT

New

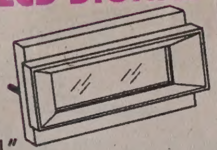


Constructed of steel with scratch resistant black finish. Accepts 14" to 29" wide monitor/TV up to 110 lbs. Arm extends 16" to 20" from the ceiling. 360° swivel angle, 30° tilt angle. Non slip pads on clamps.

74-499..**$129.95**

PANEL METERS

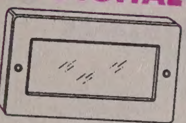
3-1/2 DIGIT LCD DIGITAL PANEL METER



2-5/8" x 1-3/4" x 1"
3-1/2 digit high visibility .5" display. Auto polarity. 9-12 VDC required voltage at 1 mA. 200 mV full scale input sensitivity. Applications: volt meter, thermometer, dB meter, watt meter, current meter and capacitance meter. Has removable bezel.

39-177.......................... **$7.95**

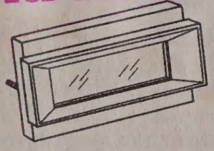
3-1/2 DIGIT LCD DIGITAL PANEL METER



2-5/8" x 1-3/4" x 5/16"
3-1/2 digit high visibility .5" display. Auto polarity. 9-12 VDC required voltage at 1 mA. 200 mV full scale input sensitivity. Applications: volt meter, thermometer, dB meter, watt meter, current meter and capacitance meter.

39-165....................................**$8.95**

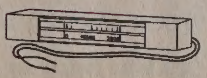
4-1/2 DIGIT LCD DIGITAL PANEL METER



2-5/8" x 1-3/4" x 5/16"
4-1/2 digit high visibility 11mm display. Auto polarity. 7-12 VDC required voltage at .5 mA. 200 mV full scale input sensitivity. Decimal point selectable. >100 M ohm input impedance. Has removable bezel.

39-176....................................**$18.95**

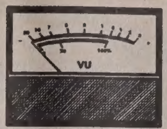
ELAPSED TIME METER



Mfg. - CURTIS
Mfg.# - 120CP3
1-7/8" x 3/8" x 7/16"
115/240 VAC, 50-400 Hz. 2,000 hour time indicator. Mounts with ABS tape.

39-208....................................**$2.95**

VU METER

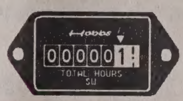


250 µA full scale deflection, 1,000 ohm; Black face with VU scale in white and red, marked from -20 to +3 white plastic back with clear removable cover.

1-5/8"L x 1-1/2"H x 1-1/8"D *(1-99) (100-Up)*
39-171..........................**$2.75**.....**$2.35**

1-3/4"L x 1-3/4"H x 1-1/4"D *(1-99) (100-Up)*
39-172..........................**$2.75**.....**$2.35**

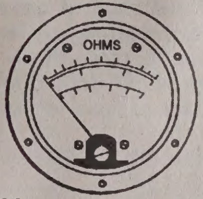
ELAPSED TIME INDICATOR



Mfg. - HOBBS, #20001
1-1/2" x 15/16" x 2-3/8" deep
120 VAC, 60 Hz, 30 mA max. Records up to 100,000 hours with automatic recycle at zero. White numerals indicate hours. Black numerals indicate 10ths of hours. Single phase, synchronous motor is permanently lubricated. Shock resistant and tamper proof polycarbonate case.

39-163....................................**$14.95**

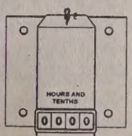
50 MICROAMP PANEL METER



Mfg. - PHRASTRON
4-1/2" dia x 1-5/8" deep
Mounts in a 3-1/2" round x 1-1/4" hole. 50 µA Full Scale Deflection. Three AC and three DC volt scales: 0-2.5, 5 and 10. One resistance scale from 0 to infinity. White face. Scales in green, black and blue. Zero adjustable. Mil-Spec. Includes mounting hardware and rubber gasket. Removable back.

39-166....................................**$6.99**

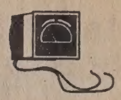
SUBMINI ELAPSED TIME INDICATOR



Mfg. - ELECTRODYNAMICS
Mfg.# - D46D3H
This TTL-compatible meter has quartz accuracy. Ideal for regulated low DC bus applications. Input range 4.5-6.5 VDC @ 3 mW. Short case style. Reads hours and tenths (999.9 max).

39-135.............................SALE...**$7.95**

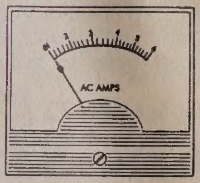
MINI BATTERY INDICATOR METER



This ultra small battery indicator mounts in a 1/2" square hole. It features a red/green scale and 3-1/2" color coded leads. 350 ohm, accuracy ±10%. For 12V operation, this requires a 10K ohm resistor in series.

39-140.......................................**$1.99**

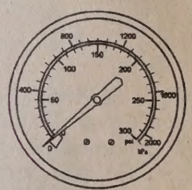
0-6 AC AMP METER



2-1/2" x
2-1/4" x
1-1/2"
Mounts in a 2" dia round hole. Direct read, zero left, black legend on white face with zero adjust.

39-160.......................................**$3.95**

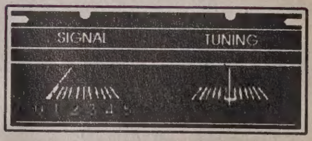
PRESSURE GAUGE



Mfg. -
MARSHALLTOWN
2-5/8" dia x 1-1/8" D
Mounts in a 2-1/2" round x 1-3/8" hole.
Dual scale: 0-2100 kPa, 0-300 psi.
White face plate, black scales. Panel mount design utilizing U-clamp, center back connection. Mounting hardware included.

39-207.......................................**$4.95**

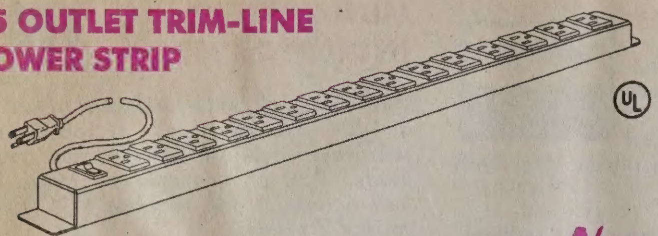
DUAL PANEL METER SIGNAL/TUNING



4-1/4" x 1-3/4" x 1-1/2" deep
Two separate meters in one plastic enclosure. Black background with white scaled art work and pointer. Flush mounts with a sloped reading scale. A rear center hole allows auxiliary lighting. The right signal meter is zero left with full scale deflection at 500 micro amps. The left tuning meter is center zero with full scale deflection. 250 micro amp either side.

39-159.......................................**$1.99**

15 OUTLET TRIM-LINE POWER STRIP

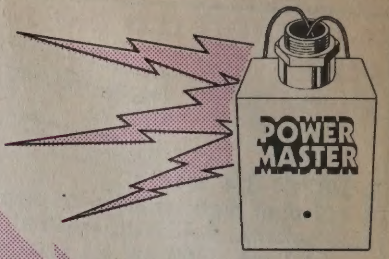


New

Mfg. - SL WABER, #UL7415-6
4'(L) x 1-1/2"(W) x 1-3/8"(H), 46-15/16" mtg centers
Features 15 "U" grounded outlets, resettable circuit breaker, lighted master switch and a 6ft 14/3 SJT cord. 15A, 125V, 60Hz, 1875W continuous duty. Heavy duty case perfect for use on racks, work benches, in production lines and on lab tables. Rear screw holes for mounting.

UL7415-6..**$58.95**

WHOLE HOUSE SURGE ARRESTER

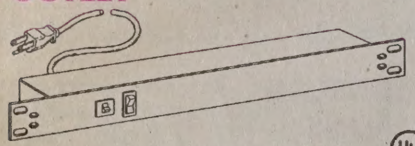


Mfg. - SL WABER
Rated 15 amp, 120/240 VAC, 60 Hz. Absorbs a maximum of 26,500 amp surge current. Designed to be "hardwired" into house circuitry and mounts easily on the circuit breaker panel box. Protects all your houshold electrical equipment from transient voltage surges which enter via the main power supply line. 3 years mfg. warranty.

75-198..**$62.95**

FRONT RACK MOUNT 6 OUTLET

New

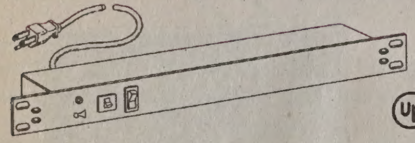


Mfg. - SL WABER, #911CB
Back Cover: 17"(L) x 3-5/8"(W) x 2-3/8"(D)
Mounting centers 18-1/4" x 1-1/4"
Unit fits standard 19" rack enclosure. Features 6 "U" switched outlets, resettable circuit breaker, lighted master switch with built-in pilot light on front cover and a 6ft 14/3 SJT cord. 15A, 125V, 60Hz, 1875W continuous duty. Heavy duty steel case with black baked-on finish.

911CB.......................................**$39.95**

DATAGARD® FRONT RACK MOUNT 6 OUTLET SURGE & NOISE

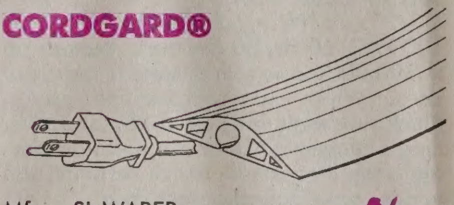
New



Mfg. - SL WABER, #DG315R
Back Cover: 17"(L) x 3-5/8"(W) x 2-3/8"(D)
Mounting centers 18-1/4" x 1-1/4"
Unit fits standard 19" rack enclosure. Features 6 "U" grounded outlets, resettable circuit breaker, lighted master switch with built-in pilot light and a 6ft 14/3 SJT cord. 15A, 125V, 60Hz, 1875W continuous duty. Designed for large offices and industrial application where noise is a critical factor. Heavy duty steel case with black baked-on finish.

DG315R.......................................**$85.95**

CORDGARD®

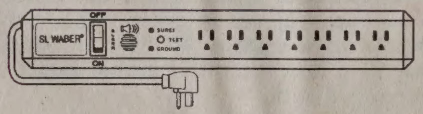


New

Mfg. - SL WABER
3" wide beige vinyl
Electrical cord duct, pre-split for easy installation of power cords up to 1/2" in diameter to prevent tripping over cords and cables. Easily trimmed to any length or angle, double-face adhesive and ribbed slots provide secure placement.

G-6-BE.......................................**$13.49**
G-15-BE.....................................**$23.49**

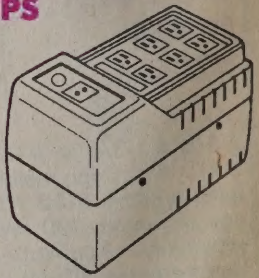
7 OUTLET SURGE AND NOISE POWER STRIP



Mfg. - SL WABER
Mfg.# - DG7SA
15-5/8" x 2-1/4" x 1-1/8"
- 7 switched, grounded outlets
- Full line protection
- EMI/RFI noise rejection
- Resettable 15 amp circuit breaker
- Audio & visual surge indicator
- <1 nano second response
- UL1449 rating
- High impact thermoplastic
- 6ft grounded cord
- Master lighted on/off switch
- Mounting holes on back
- Backed by lifetime Mfg warranty

60-313.......................................**$16.95**

STANDBY UPS SYSTEMS



Mfg. - SL WABER
$25,000 connected equipment 2 year warranty. Ergonomically designed console in a compact housing that protects computers, computer peripherals and electronic equipment by supplying clean power to systems instantly during blackouts and brownouts.

- Automatic self check and re-check
- 12 amp circuit breaker, 6ft. power cord
- Battery produced wave form: True step-sinewave, 170 V peak, 120 Vrms nominal
- Maximum surge current: 6000+ volts
- User replaceable batteries
- UL 1449 rating
- Full recharge time: <2 hours
- Clamping response time: 1 Nsec.
- Noise attenuation: 720 dB
- Electrical ratings: 120 V, 12 A, 60 Hz
- Overload and low battery alarms
- On/Off Switch, LED status indicator

250 VA - 170 watts - 4 outlets:
- Two full-time "UPS"
- Two full-time "Surge Only"

Special

15 minutes backup at half load, 7 lbs

PH250....9-3/4" x 5-1/4" x 7"......**$109.95**

500 VA - 340 watts - 6 outlets:
- Four full-time "UPS"
- Two full-time "Surge Only"

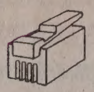
Special

15 minutes backup at half load, 12 lbs

PH500....11-3/4" x 5-1/4" x 7"....**$189.95**

CATEGORY 5

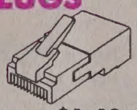
UL LISTED MODULAR CRIMP PLUGS



50 micron gold plating
For flat cable

56-449	4 contact, 6 position	$ .20
56-450	6 contact, 6 position	$ .25
56-451	8 contact, 8 position	$ .35

CATEGORY 5 SHIELDED MODULAR CRIMP PLUGS



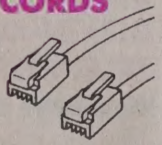
8 contact RJ-45
For round solid cable.

56-452	$1.40

8 contact RJ-45
For round stranded cable

56-453	$1.25

MODULAR PATCH CORDS CATEGORY 5

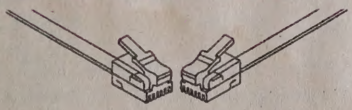


4 pair 24 AWG
stranded gray plug to plug.

56-456	3ft	$1.45
56-457	7ft	$2.15
56-458	25ft	$5.75

CATEGORY 5 PATCH CORDS COLORED CABLE ASSEMBLY

New

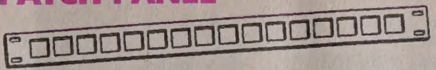


Organize network panels with color coded patch cords. UTP 24 AWG x 4P stranded, stranded copper conductors, PE insulation, PVC jacket with two RJ-45 (8P8C) plugs.

Part#	Color	Length	Price
56-571	Gray	3ft	$2.25
56-572	Gray	7ft	3.95
56-573	Gray	25ft	7.99
56-574	Blue	3ft	2.25
56-575	Blue	7ft	3.95
56-576	Blue	25ft	7.99
56-577	Green	3ft	2.25
56-578	Green	7ft	3.95
56-579	Green	25ft	7.99
56-580	Red	3ft	2.25
56-581	Red	7ft	3.95
56-582	Red	25ft	7.99
56-583	Yellow	3ft	2.25
56-584	Yellow	7ft	3.95
56-585	Yellow	25ft	7.99

BLANK MODULAR PATCH PANEL

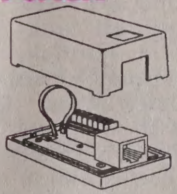
New



Heavy steel panel with black anodized finish accepts category 5 Keystone type jacks, coaxial, BNC's, "F", etc.

56-561	16 Port	$12.25
56-562	24 Port	$14.95
56-563	48 Port	$19.95

SURFACE MOUNT JACK CATEGORY 5

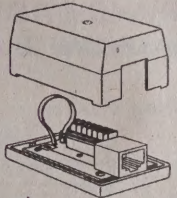


8 contact
110 type punch down
30 Micon gold plating
Accepts 22 to 28 AWG wire.

56-454	Single Jack	$5.99
56-455	Dual Jack	$8.49

CATEGORY 5 FULLY SHIELDED SURFACE MOUNTS

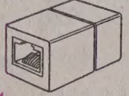
New



Fully shielded surface mount jacks for RJ-45. Includes jack cover, mounting block and hardware.

56-565	Single	$6.49
56-566	Dual	$8.99

CATEGORY 5 MODULAR COUPLER

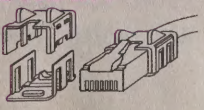


Female to female RJ-45

New

56-564	$6.75

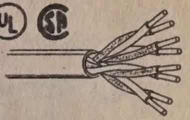
COLOR CODED STRAIN RELIEFS



For 4 pair cable category 5 with RJ-45. Two piece color coded snap together plastic for easy identification.

56-459	Black	$ .35
56-460	Blue	$ .35
56-461	Red	$ .35
56-462	White	$ .35
56-463	Green	$ .35
56-464	Yellow	$ .35
56-471	Orange	$ .35

CATEGORY 5 TELEPHONE CABLE



New

4 pair 24 AWG solid bare copper conductors insulation - HD poly, jacket - PVC. Ripcord for easy jacket stripping.

	(1-99ft)	(100-999ft)	(1000ft-Up)
36-248	$ .17	$ .15	$ .13

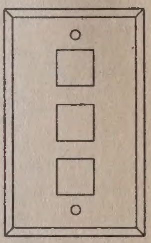
New

PLENUM

4 pair 24 AWG solid bare copper conductors insulation - Teflon (FEP), jacket - Plenum polymer alloy. Ripcord for easy jacket stripping. 100 MHz

	(1-99ft)	(100-999ft)	(1000ft-Up)
36-249	$ .39	$ .35	$ .29

KEYSTONE WALL PLATE

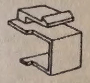


Keystone ivory plastic wall plates fit standard duplex electrical box. Hardware included. Accepts keystone jacks sold separately below.

56-465	1 cavity plate	$1.25
56-466	3 cavity plate	$1.25
56-467	6 cavity plate	$1.40

INSERTS FOR ABOVE WALL PLATES

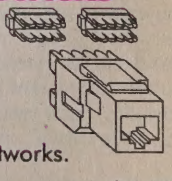
BLANK INSERTS



Ivory

56-468	$ .25

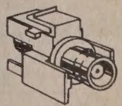
KEYSTONE TYPE JACKS CATEGORY 5



110 type punch down.
Modular RJ-45
(8 x 8) jacks for data networks.

56-469	$5.25

BNC BULKHEAD (Female)

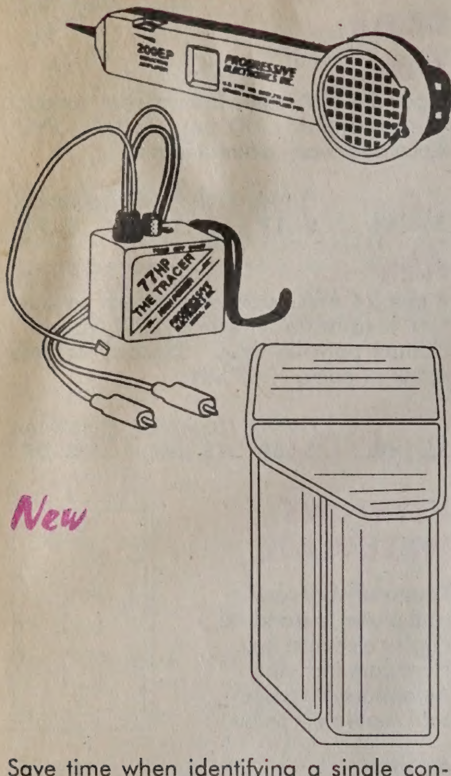


Ivory plate with double female BNC.

56-470	$3.99

TEST EQUIPMENT & TOOLS

PROGRESSIVE ELECTRONICS TONE TEST KIT



New

Save time when identifying a single conductor or locating cable pairs, for installing or trouble shooting telephone data, audio/visual, security/alarm, heating/air and electrical systems. The tone generator, continuity and voltage tester is equipped with a modular connector for standard phone jacks. Functions include sending tone, verifying lines, indicating line conditions, identifying tip and ring. Providing "talk" battery and testing continuity. Designed to work with any tone generator, the inductive amplifier will identify and trace wire within a group without damaging the insulation. Features include a volume control with increased sensitivity, recessed terminal ports for hand-set connection and a recessed on/off button to prevent battery drain. The handy carrying case made of tough cordura lets you take this kit anywhere.

Kit Contains: Tone generator, inductive amplifier and carrying case.

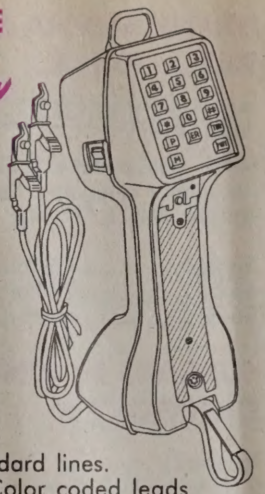
56-558	Complete tone test kit	**$88.75**

SOLD SEPARATELY

56-559	High power tracer	**$28.49**
56-560	Inductive amplifier	**$55.25**
14-440	Carrying case	**$12.99**

TELEPHONE TESTER

New



Mfg. - PROGRESSIVE
9-3/4"(L) x
3"(W) x
2-3/4"(H)
10 oz

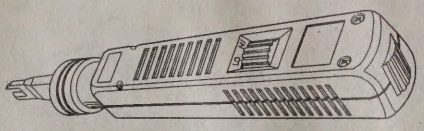
This "Butt" telephone can be used for 2-way communications and provides all test functions normally required for standard lines. Safety yellow. Color coded leads with alligator clips. Features DTMF/pulse dialing, polarity LED test, talk monitor switch, high impedance monitor mode and 10 number speed dial memory.

56-443	**$194.95**

PUNCH DOWN TOOL

New

Weidmüller Paladin Tools



Terminates and cuts wire on 66 or 110 type terminals. Features reversable clip-in blade, spare blade in handle and adjustable spring loaded impact mechanism.

TOOL WITH BLADE

54-3527	66	**$43.95**
54-3528	110	**$43.95**

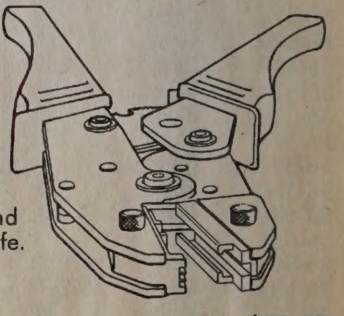
REPLACEMENT BLADES

54-4527	66 blade	**$12.29**
54-4528	110 blade	**$12.29**

RJ45 CRIMPER

Weidmüller Paladin Tools

New



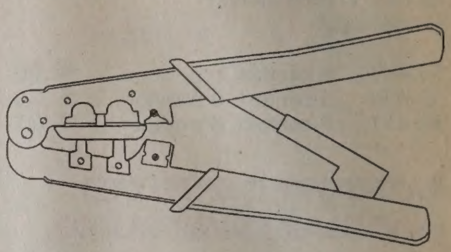
Crimps RJ45 8 position modular plugs. Features full ratching cycle, manual ratchet release, adjustable crimp tension and heat-treated harden steel interchangeable dies for long life. Five year mfg. warranty.

54-1307	Tool with die	**$42.95**
54-2061	Replacement die	**$18.85**

ALL-IN-ONE TELEPHONE TOOL

New

Weidmüller Paladin Tools



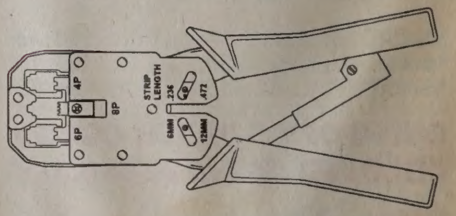
Crimps WE type RJ11 (2, 4 & 6 position) and RJ-45 (8 position) plugs. Stewart stamping style. Also cuts and strips telephone wire. Full ratcheting cycle with built-in safety release. One year mfg. warranty.

54-1545	**$36.95**

DELUXE ALL-IN-ONE TELEPHONE TOOL

New

Weidmüller Paladin Tools

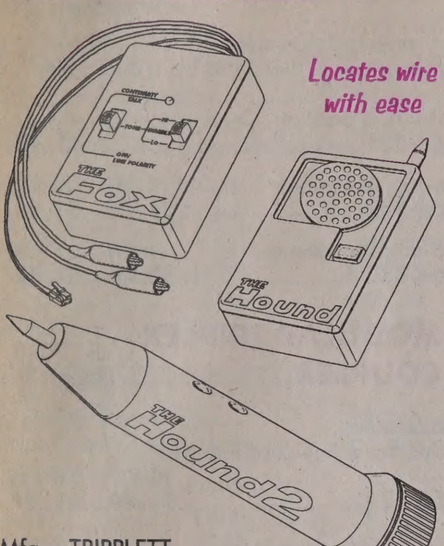


Crimps WE type handset, RJ11 (2, 4 & 6 position) and RJ-45 (8 position) plugs. Stewart stamping style. Also cuts and strips telephone wire. Full ratcheting cycle with built-in safety release. Five year mfg. warranty.

54-1530R	**$109.95**

TELEPHONE TEST EQUIPMENT

FOX, HOUND & HOUND 2 WIRE TRACING SETS



Locates wire with ease

Mfg. - TRIPPLETT
One year mfg warranty.

Fox (Tone Generator)

1-1/2" x 3-1/2" x 1"
Generates 3 distinct tones for tracing virtually any type of *un-energized* wire or cable • LED indicator for continuity • Supplies "Talk Power" to allow communicating between handsets or powering a telephone.

Hound & Hound 2 (Inductive Tracer)

High impedance / gain amplifier • Can be used with either the FOX or LAN FOX • Capable of identifying the Fox's tone up to 12" away from testing wire through drywall, wood and many other nonmetal surfaces • Streamlined case and adjustable volume (Hound 2).

Hound *New*
2-1/2" x 3-1/2" x 1"
29-119..........Fox & Hound..........**$65.95**

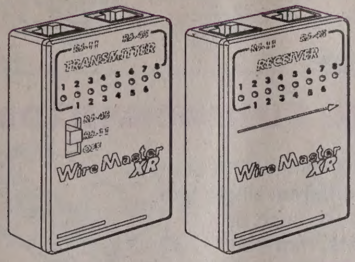
Hound 2
Streamlined case
and adjustable volume. *New*
29-120.........Fox & Hound 2........**$65.95**

LAN Fox (Tone Generator)

Generates two distinct tones usable for LAN cable tracing. Direct connection of standard RJ-45 modular plugs. Includes RJ-45 to BNC adapter allowing for tracing of BNC cables.

New
29-121....................................**$28.95**

WIREMASTER XR RJ45 AND RJ11 LAN CABLE TEST SET WITH TRACER TONE



Mfg. - TRIPLETT *New*
1" x 2-3/8" x 3-5/8"
Verifies point-to-point wiring of twisted pair LAN cables • Checks for continuity in straight-through or reverse wiring • Eight LEDs identify the source and destination of each conductor • Direct connection of 8-pin RJ-45 or 6-pin RJ-11 cables • Generates two distinct tones usable for cable tracing • Allows remote testing of cable runs up to 1000ft • Telco protected.

Cable Types: RJ-45 8-pin, RJ-11 6-pin conductor, RJ-11 6-pin 4 conductor, straight through or reverse wiring.

Output tone: Approx 5V peak to peak square wave.

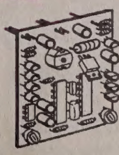
User Selectable Features: RJ-11 four conductor or six conductor • Forward or reverse sequencing on transmitter • High or low pitch tracer tone • Fast or slow LED sequencing.

Input/Output Protection: Will withstand 56V with 400 ohm series resistance applied across the outputs • Will withstand 175V peak with 100 ohm series impedance • Superimposed onto 56 VDC for 100 mS (standard Telco signals).

Requires 9 volt battery. Includes carrying case. One year mfg. warranty.

3254.......................................**$98.99**

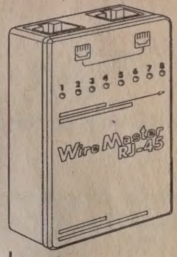
TELEPHONE RINGING GENERATOR MODULE



2" square ringing generator. 12 VDC in produces 180 Vp-p @ 20 Hz out. Handles up to 5 REN continuously. Can be used in your Telco products to solve on board ringing needs. Short circuit protected. Ringing frequency variable from 15 to 68 Hz by on board pot. Includes plans for 2 simple telephone line simulators and more.

56-374..................................**$49.95**

WIREMASTER RJ45 CABLE TESTER *New*

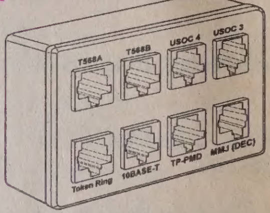


Mfg. - TRIPLETT
Verifies point-to-point wiring of RJ-45 patch cables. Eight LEDs identify the destination of each conductor in cable. Checks for continuity in straight-through wiring. Cable types: AT&T 258A, EIA/TIA T568A or T568B, TP-PMD and any RJ-45 cable. One year mfg. warranty.

29-116....................................**$34.95**

LAN CABLE MODULAR ADAPTOR BOX

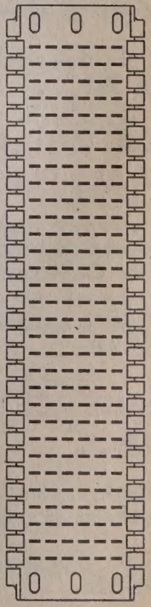
New



Mfg. - TRIPLETT
Allows coupling between any two of eight LAN wiring formats. Compact handheld instrument. Cable types: EIA-TIA T568A or T568B, AT&T, USOC 4 pair, USOC 3 pair, Token-ring, 10-baset, TP-PMD and MMJ(DEC). One year mfg. warranty.

3242...**$34.95**

TELEPHONE CONNECTING BLOCK

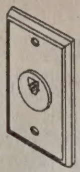


Type 66B block
Consists of molded self-extinguishing plastic block containing quick-connect terminals for terminating skinned plastic-insulated solid copper conductors, 18 and 19 gauge and unskinned plastic-insulated soild copper conductors from 20 through 26 gauge. Intended for use in wire terminating arrangements of cables, key telephone systems, PBX systems and other low voltage terminal equipment.

56-314...**$7.95**

TELEPHONE ACCESSORIES

FLUSH MOUNT JACK



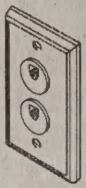
Mounting screws included.

4 pin, 6 position; RJ-11 *(1-24) (25-Up)*
56-322..........................**$1.35....$1.19**

6 pin, 6 position; RJ-12 *(1-24) (25-Up)*
56-110..........................**$1.80....$1.59**

8 pin, 8 position; RJ-45 *(1-24) (25-Up)*
56-324..........................**$2.99....$2.45**

DUAL FLUSH MOUNT JACK



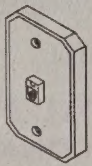
Mounting screws included.

4 pin, 6 position; RJ-11 *(1-24) (25-Up)*
56-100..........................**$1.99....$1.85**

6 pin, 6 position; RJ-12 *(1-24) (25-Up)*
56-101..........................**$2.50....$2.25**

8 pin, 8 position; RJ-45 *(1-24) (25-Up)*
56-378..........................**$2.65....$2.39**

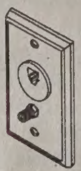
WALL PHONE MOUNT



Mounting screws included

4 pin, 6 position; RJ-11 *(1-24) (25-Up)*
56-323..........................**$1.95....$1.79**

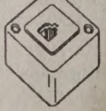
CATV/TELEPHONE WALL PLATE



RJ-11 type telephone
F-81 CATV connector

4 pin, 6 position *(1-24) (25-Up)*
56-325..........................**$2.04....$1.85**

SURFACE MOUNT JACK

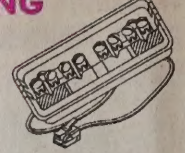


Spade lug terminal hook-up
Includes mounting hardware

4 pin, 6 position; RJ-11 *(1-24) (25-Up)*
56-326..........................**$1.50....$1.35**

6 pin, 6 position; RJ-12 *(1-24) (25-Up)*
56-360..........................**$1.79....$1.65**

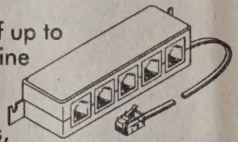
MODULAR WIRING BLOCK



Screw terminal connector block, color coded

56-328......................................**$2.99**

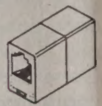
5 TO 1 LINE CONNECTOR



Allows connection of up to five different single line products such as dialers, modems, answering machines, etc. to one telephone jack.

4 pin, 6 position
56-330......................................**$3.99**

IN-LINE COUPLER



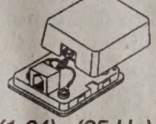
Modular coupler, female-female
Allows you to plug modular cords together for longer extension.

4 pin, 6 position; RJ-11 *(1-99) (100-Up)*
56-343..........................**$ .95......$ .75**

6 pin, 6 position; RJ-12 *(1-99) (100-Up)*
56-344..........................**$1.25.....$ .99**

8 pin, 8 position; RJ-45 *(1-99) (100-Up)*
56-379..........................**$1.79....$1.55**

SURFACE MOUNT JACK



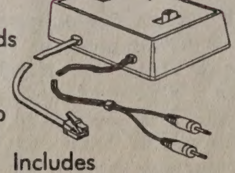
Includes jack cover, mounting block and hardware

4 pin, 6 position; RJ-11 *(1-24) (25-Up)*
56-327..........................**$1.75....$1.49**

6 pin, 6 position; RJ-12 *(1-24) (25-Up)*
56-329..........................**$1.99....$1.75**

8 pin, 8 position; RJ-45 *(1-24) (25-Up)*
56-381..........................**$2.39....$2.15**

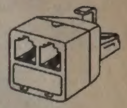
TELEPHONE RECORDING DEVICE



Automatically records all telephone calls as soon as the receiver is picked up and stops when the receiver is hung up. Includes manual override (off) switch. Hook-up instructions included.

56-345...................................**$10.49**

MODULAR DUPLEX "T" ADAPTER



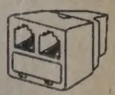
1 male to 2 females
Allows use of two items from one outlet.

4 pin, 6 position
56-331.......................................**$ .75**

6 pin, 6 position *(1-24) (25-Up)*
56-332..........................**$1.75....$1.49**

8 pin, 8 position *(1-24) (25-Up)*
56-380..........................**$3.49....$3.25**

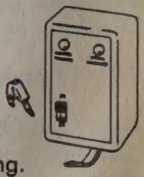
MODULAR TRIPLEX COUPLER



3 females
Splits one line cord into two.

(1-24) (25-Up)
56-333..........................**$1.49....$1.25**

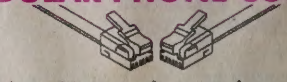
2 LINE MODULAR LINE TESTER



Plugs into any jack and indicates shorts, open lines and reversed wiring. Checks two line wiring.

(1-9) (10-Up)
56-209..........................**$3.25....$2.99**

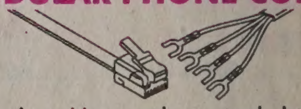
MODULAR PHONE CORDS



4 pin, 6 position, male to male

		(1-99)	*(100-Up)*
56-334	7′	**$ .99**	**$ .85**
56-335	14′	**$1.25**	**$ .99**
56-336	25′	**$1.99**	**$1.75**

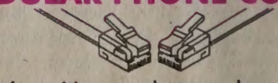
MODULAR PHONE CORDS



4 pin, 6 position, male to spade lug

		(1-99)	*(100-Up)*
56-337	7′	**$ .99**	**$ .85**
56-338	14′	**$1.25**	**$ .99**
56-339	25′	**$1.99**	**$1.75**

MODULAR PHONE CORDS



6 pin, 6 position, male to male

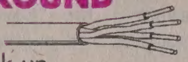
		(1-99)	*(100-Up)*
56-152	7′	**$1.25**	**$ .99**
56-340	25′	**$2.49**	**$2.25**

TELEPHONE ACCESSORIES

TELEPHONE/STATION WIRE

Used for telephone, alarm, intercom or control applications.

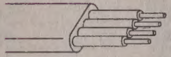
4 CONDUCTOR ROUND



22 gauge 4 conductor solid wire. Standard hook-up. Colors black, red, green and yellow.

Part#	*Length*	*Price*
56-263	50ft	**$3.75**
56-264	100ft	**$5.50**
56-406	500ft	**$23.95**
56-265	600ft	**$24.99**
56-266	1000ft	**$42.50**

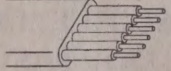
4 CONDUCTOR FLAT



28 gauge 4 conductor color coded stranded wire.

Part#	*Length*	*Price*
56-267	100ft	**$5.00**
56-268	500ft	**$22.50**
56-269	1000ft	**$39.95**

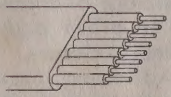
6 CONDUCTOR FLAT



28 gauge 6 conductor color coded stranded wire.

Part#	*Length*	*Price*
56-270	100ft	**$7.50**
56-271	500ft	**$29.95**
56-272	1000ft	**$59.95**

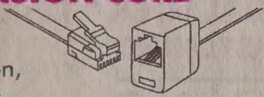
8 CONDUCTOR FLAT



28 gauge 8 conductor color coded stranded wire.

Part#	*Length*	*Price*
56-273	100ft	**$10.00**
56-274	500ft	**$45.00**
56-275	1000ft	**$95.00**

25' EXTENSION CORD

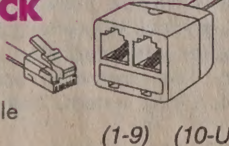


4 pin, 6 position, male to female

(1-9) (10-Up)

56-341..........**$2.49**....**$2.15**

25' EXTENSION CORD WITH DUPLEX JACK

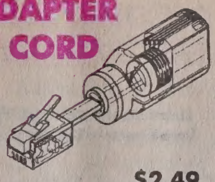


4 pin, 6 position, 1 male to 2 female

(1-9) (10-Up)

56-342..........**$2.90**....**$2.65**

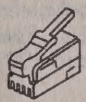
DETANGLER ADAPTER FOR HANDSET CORD



4 pin, 4 position
Prevents tangling of handset cord.

56-196..........**$2.49**

MODULAR HANDSET PLUGS



4 contacts - 4P x 4C

MP-TH..........1 pk of 10/**$1.75**

MODULAR LINE PLUGS

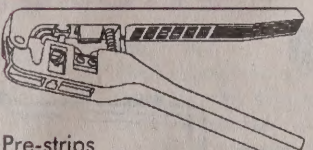
4 pin - 6 position, RJ-11
56-104..........1 pk of 10/**$1.75**

6 pin - 6 position, RJ-12
56-106..........1 pk of 10/**$2.00**

8 pin - 8 position, RJ-45
56-108..........1 pk of 10/**$4.95**

*Buy **10 pks** of one number and take a **10%** discount*

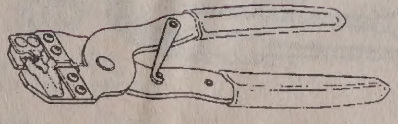
MODULAR CRIMPING TOOL



Plastic tool. Pre-strips and crimps modular telephone connectors. Contains an adapter so it may be used as either 4P x 4C or 6P x 4C.

56-416..........**$5.49**

HEAVY DUTY MODULAR CRIMPING TOOL



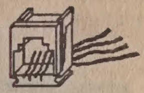
Steel construction. Built-in stripper and cutter. Cushioned grip.

For 4P x 4C modular handset plugs
56-256..........**$14.49**

For 6P x 4C or 6P x 6C modular plugs RJ-11 or RJ-12
56-257..........**$14.99**

For 8P x 8C modular plugs RJ-45
56-258..........**$15.49**

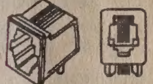
LINE CORD JACK



4 pin, 6 position
For use in the phone base for telephone line cord.

56-414..........**$ .45**

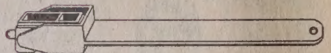
LINE CORD JACK



6 pin, 6 position
PC mount
616..........**$ .45**

8 pin, 8 position
PC mount
618..........**$ .65**

TELEPHONE LINE TESTER

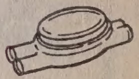


Plugs directly into modular phone jack to instantly test the operation of your telephone line.

(1-9) (10-Up)

56-164..........**$1.95**....**$1.85**

UP3 CONNECTOR

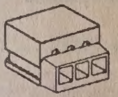


Mfg. - SCOTCHLOK
Is for 2 or 3 wire solid copper conductor combinations of 0, 9-0, 4mm (19-26 AWG) having max insulation OD - 1.67mm (.066").

(1-99) (100-Up)

UP3..........**$ .10**....**$ .09**

3-WIRE SPLICER

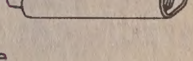


Mfg. - AMP
Mfg.# - 5-553984-1
3 wire "Tel-Splice Connector".
Quick, easy splice for two or three wires 19 thru 26 AWG. This rugged connector has an aluminum splice bar and is anti corrosive gel filled.

(1-99) (100-Up)

74-348..........**$ .10**....**$ .09**

"B" TYPE (BEAN) SPLICE

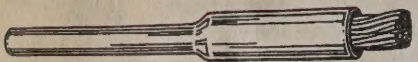


Standard type "B" crimp splices. For phone or alarm wires, accepts three strands of 22 or 24 gauge wire. Uses insulation displacement technology so wires do not need to be stripped before crimping.

74-422..........100/**$9.00**

3M PRODUCTS

HEAT SHRINKABLE TUBING

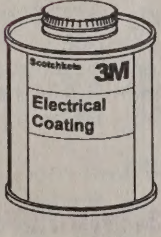


FP-301 series multi-purpose black flexible polyolefin heat shrinkable tubing has a 2:1 shrink ratio. Rated for -55°C to +135°C (+275°F) and 600V continuous operation.

Part#	Size	Price 10ft.	Price 100ft.
33-129	3/64"	$2.25	$19.90
33-130	1/16"	2.25	19.90
33-131	3/32"	2.25	19.90
33-132	1/8"	2.25	19.90
33-133	3/16"	2.99	27.90
33-134	1/4"	2.99	27.90
33-135	3/8"	3.25	29.90
33-136	1/2"	3.75	34.90
33-137	3/4"	4.99	44.90
33-138	1"	7.50	69.90

SCOTCH KOTE ™ ELECTRICAL COATING

New



Brush on sealer that provides a tough, oil & water resistant outer seal on electrical connections. Use for splices on underwater cables or in high moisture applications. 15 oz. can.

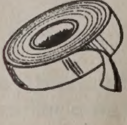
16-127....................................**$14.79**

TEMFLEX VINYL ELECTRICAL TAPE

Black.
Suitable for use up to 600V
and temperatures up to 80°C (176°F)

28-157..........60' x 3/4" wide.........**$ .65**

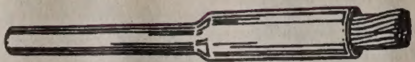
SCOTCH SUPER 33 VINYL PLASTIC ELECTRICAL TAPE



Premium black 7-mil, flame retardent, weather resistant tape. Resists temperature and moisture for splicing.

74-346............3/4" x 20'...............**$1.29**
74-347............3/4" x 66'...............**$3.29**

COLORED HEAT SHRINK ASSORTMENT



Consists of 3M's most popular 6" color combinations of the FP301 series flexible polyolefin heat shrink. Has a shrink ratio of 2:1. Rated for -55°C to +135°C (+275°F) and 600V continuous operation.

3/32"
33-140.......5 each of 7 colors.......**$6.49**

1/8"
33-141.......4 each of 7 colors.......**$6.49**

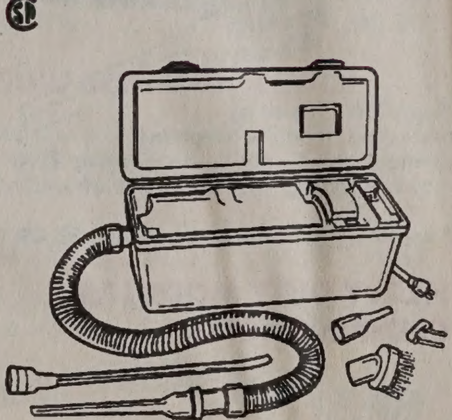
3/16"
33-142.......3 each of 7 colors.......**$6.49**

1/4"
33-143.......3 each of 7 colors.......**$6.49**

3/8"
33-144.......2 each of 7 colors.......**$6.49**

1/2"
33-145.......2 each of 7 colors.......**$6.49**

ELECTRONIC VACUUM



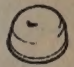
Mfg. - 3M
Mfg.# - 497AJM
17.8"L x 7.75"W x 9.25"H
Vacuum encased in a high impact plastic case. Comes complete with wand, crevice tool, brush, dusting brush, a 32" to 10ft. expandable hose, type 2 filter and a needle nose. Anti-static design. Advanced filtration allows you to pick up lint, cotton fibers and toner.

46-143..................................**$196.49**

BUMPON: PROTECTIVE BUMPERS

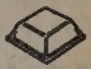
Black self-sticking polyurethene bumpers serve as high performance cushions, feet, spacers and protectors.

HEMISPHERE



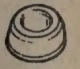
Part#	Size WxH (in.)	Per Pk/100
85-113	.44 x .20	**$4.99**
85-114	.63 x .31	**$9.99**
85-115	.75 x .38	**$12.25**

TAPERED SQUARE



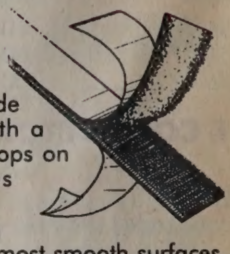
Part#	Size WxH (in.)	Per Pk/100
85-116	.50 x .12	**$4.89**
85-117	.50 x .23	**$8.99**
85-118	.81 x .30	**$9.95**

DEPRESSED CIRCLE



Part#	Size WxH (in.)	Per Pk/100
85-119	.88 x .4	**$16.45**

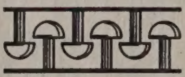
SCOTCHMATE™ HOOK AND LOOP FASTENING SYSTEM

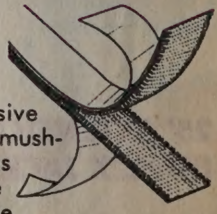


Black
Combination of hundreds of tiny, stiff hooks on one side of closure mesh with a surface of pliable loops on the other provides secure closure.
Adhesive backing adheres instantly to most smooth surfaces. Maximum convenience, just press to close, peel to open. 1" wide.

74-416.......12" long....................**$1.99**
74-417.......4.9 yard long roll......**$26.45**

DUAL LOCK™ RECLOSABLE FASTENERS





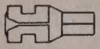
Black, rubber adhesive back system features mushroom-shaped stems that interlock with one another with audible snap. Five times more holding power than hook & loop system. Self-mating. 1" wide.

74-418.......12" long....................**$2.85**
74-419.......4.9 yard long roll......**$36.95**

3M PRODUCTS

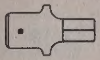
CRIMP TERMINALS

NON-INSULATED FEMALE TERMINAL



Part#	AWG	Tab	50pcs	100pcs	500pcs
74-458	22-18	.25	$3.45	$6.20	$22.50
74-459	16-14	.25	3.45	6.20	22.50
74-460	12-10	.25	4.50	8.50	32.50

NON-INSULATED MALE TERMINAL

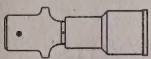


Part#	AWG	Tab	50pcs	100pcs	500pcs
74-466	22-18	.25	$3.45	$6.20	$22.50
74-467	16-14	.25	3.45	6.20	22.50

VINYL INSULATED FEMALE TERMINAL

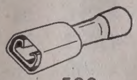
Part#	AWG	Color	Tab	50pcs	100pcs	500pcs
74-461	22-18	Red	.187	$6.50	$12.00	$42.50
74-462	22-18	Red	.25	6.50	12.00	42.50
74-463	16-14	Blue	.187	6.50	12.00	42.50
74-464	16-14	Blue	.25	6.50	12.00	42.50
74-465	12-10	Yellow	.25	7.00	13.00	45.00

VINYL INSULATED MALE TERMINAL



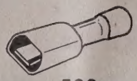
Part#	AWG	Color	Tab	50pcs	100pcs	500pcs
74-468	22-18	Red	.187	$6.50	$12.00	$42.50
74-469	22-18	Red	.25	6.50	12.00	42.50
74-470	16-14	Blue	.187	6.50	12.00	42.50
74-471	16-14	Blue	.25	6.50	12.00	42.50
74-472	12-10	Yellow	.25	7.00	13.00	45.00

FULLY INSULATED NYLON FEMALE DISCONNECT



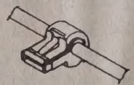
Part#	AWG	Tab	50pcs	100pcs	500pcs
74-450	22-18	Red	$9.50	$18.00	$65.00
74-451	16-14	Blue	9.50	18.00	65.00
74-452	12-10	Yellow	12.00	23.00	85.00

FULLY INSULATED NYLON MALE DISCONNECT



Part#	AWG	Tab	50pcs	100pcs	500pcs
74-453	22-18	Red	$9.50	$18.00	$65.00
74-454	16-14	Blue	9.50	18.00	65.00
74-455	12-10	Yellow	12.00	23.00	85.00

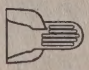
T-TAP CONNECTORS



Insulation displacement connectors are used to quickly connect a female tap to a through wire and insulate the connection. Female tap males with standard .25" male tab connector. Just squeeze - provides fast dependable electrical tap without wire stripping.

Part#	AWG	Tab	50pcs	100pcs	500pcs
74-444	22-18	Red	$6.25	$10.00	$15.00
74-445	18-14	Blue	6.25	10.00	15.00
74-446	12	Yellow	6.25	10.00	15.00

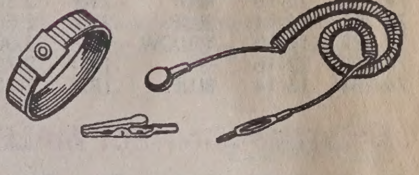
INSULATED ELECTRICAL SPRING CONNECTORS



Nylon insulated wire nut features "live spring" which assures a tight grip even on small wire combinations. Designed with wings on the bottom for an easy grip.

Part#	Color	(Min) Wire Size	(Max)	100 per box
74-456	Tan	2 #22	2 #12	$7.95
74-457	Yellow	5 #22	3 #12	8.95
74-478	Red	2 # 8	2 #18	11.49

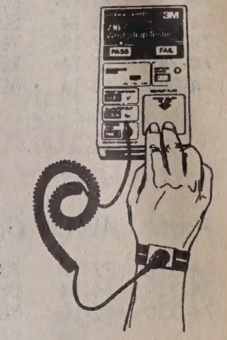
ADJUSTABLE WRIST STRAP



Adjustable wrist strap set includes comfort band, 5ft cord and alligator clip. Silver plated continuous monofilament threads establish a 360° contact zone and a reliable path to ground.

2272...$9.49

WRIST STRAP TESTER

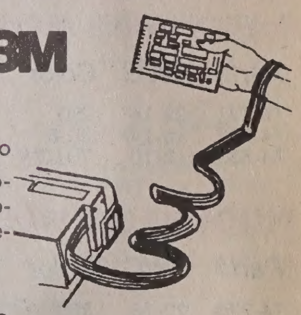


Mfg. - 3M
Mfg.# - 716
1-3/4" x 4-5/16" x 7-3/8"

Operates on 110 VAC adapter (included) or 4 "AA" cells (not included). Comes with wall mounting plate and complete instructions. Makes it easy to test a wrist strap frequently while wearing it. Pass/fail lamps indicate if strap resistance is within acceptable ranges.

75-130.......................................$124.95

DISPOSABLE WRIST STRAP

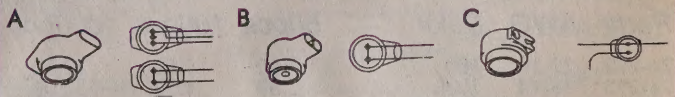


Mfg. - BM

Hypo-allergenic adhesive provides 360° contact with skin to minimize skin-to-band resistance. Adhesive-backed copper foil at one end adheres to any convenient electrical ground. Single use. 4ft.

2209.......................................$ .79

3M SCOTCHLOK™ CONNECTORS



New

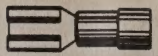
				CABLE TYPE			
Part#	Fig	Color	Max Insul O.D.mm	PIC-Unfilled AWG	PIC-Filled AWG	Pulp or Paper AWG	Price
60-375	A	RED	1.67	19-26	22-26	19-26	$ .15
60-376	A	GREY	2.08(out)	19-24	19-24	19-24	.20
60-377	A	GREEN	2.08(out)	19-24	19-24	19-24	.20
60-378	B	YELLOW	1.52	22-26	22-26	22-26	.13
60-379	C	GREEN	1.67	19-26	22-26	19-26	.17

VINYL INSULATED BUTT CONNECTORS

Part#	AWG	Tab	50pcs	100pcs	500pcs
74-447	22-18	Red	$6.50	$12.00	$42.50
74-448	16-14	Blue	6.50	12.00	42.50
74-449	12-10	Yellow	8.00	15.00	60.00

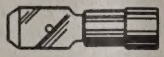
INSULATED CRIMP TERMINALS

QUICK DISCONNECT FEMALE



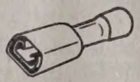
Part#	AWG	Color	Tab	50pcs	100pcs	1000pcs
74-280	22-16	RED	.250"	2.50	4.50	32.00
74-281	16-14	BLUE	.250"	2.50	4.50	32.00
74-282	12-10	YELLOW	.250"	3.00	5.50	40.00
74-283	22-16	RED	.187"	2.75	5.00	34.00
74-284	16-14	BLUE	.187"	2.75	5.00	34.00

QUICK DISCONNECT MALE



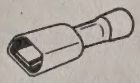
Part#	AWG	Color	Tab	50pcs	100pcs	1000pcs
74-285	22-16	RED	.250"	2.50	4.50	32.00
74-286	16-14	BLUE	.250"	2.50	4.50	32.00
74-287	12-10	YELLOW	.250"	3.00	5.50	40.00
74-288	22-16	RED	.187"	2.75	5.00	34.00
74-289	16-14	BLUE	.187"	2.75	5.00	34.00

FULLY INSULATED QUICK DISCONNECT FEMALE



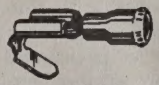
Part#	AWG	Color	Tab	50pcs	100pcs	1000pcs
74-328	22-16	RED	.250"	4.50	8.00	60.00
74-329	16-14	BLUE	.250"	4.50	8.00	60.00
74-330	12-10	YELLOW	.250"	7.00	13.00	105.00

FULLY INSULATED QUICK DISCONNECT MALE



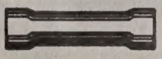
Part#	AWG	Color	Tab	50pcs	100pcs	1000pcs
74-331	22-16	RED	.250"	4.50	8.00	60.00
74-332	16-14	BLUE	.250"	4.50	8.00	60.00
74-333	12-10	YELLOW	.250"	7.00	13.00	105.00

PIGGY BACK FEMALE



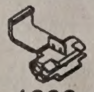
Part#	AWG	Color	Tab	50pcs	100pcs	1000pcs
74-290	22-16	RED	.250"	3.00	5.50	40.00
74-291	16-14	BLUE	.250"	3.00	5.50	40.00

BUTT SPLICER



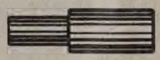
Part#	AWG	Color	50pcs	100pcs	1000pcs
74-292	22-16	RED	2.50	4.50	32.00
74-293	16-14	BLUE	2.50	4.50	32.00
74-294	12-10	YELLOW	3.25	6.00	42.00

QUICK SPLICE



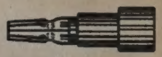
Part#	AWG	Color	50pcs	100pcs	1000pcs
74-334	22-16	RED	3.25	6.00	52.00
74-335	18-14	BLUE	3.25	6.00	52.00
74-423	12-10	YELLOW	5.50	10.20	89.00

FULLY INSULATED FEMALE BULLET CONNECTOR



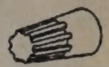
Part#	AWG	Color	50pcs	100pcs	1000pcs
74-336	22-16	RED	3.25	6.00	52.00
74-337	16-14	BLUE	3.25	6.00	52.00

MALE BULLET CONNECTOR



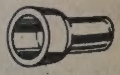
Part#	AWG	Color	50pcs	100pcs	1000pcs
74-338	22-16	RED	2.50	4.50	32.00
74-339	16-14	BLUE	2.50	4.50	32.00

WIRE NUT



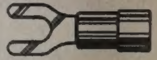
Part#	AWG	Color	50pcs	100pcs	1000pcs
74-325	18-12	YELLOW	2.25	4.00	35.00
74-326	18-10	RED	3.50	6.50	60.00
74-327	22-14	ORANGE	2.75	4.80	30.00

CLOSED END CONNECTOR



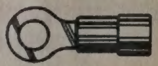
Part#	AWG	Color	50pcs	100pcs	1000pcs
74-340	22-16	WHITE	2.50	4.50	32.00
74-341	16-14	WHITE	2.75	5.00	40.00
74-342	12-10	WHITE	3.00	5.50	48.00

SPADE



Part#	AWG	Color	Stud	50pcs	100pcs	1000pcs
74-295	22-16	RED	6	2.50	4.50	32.00
74-296	22-16	RED	8	2.50	4.50	32.00
74-297	22-16	RED	10	2.50	4.50	32.00
74-298	16-14	BLUE	6	2.50	4.50	32.00
74-299	16-14	BLUE	8	2.50	4.50	32.00
74-300	16-14	BLUE	10	2.50	4.50	32.00
74-301	12-10	YELLOW	6	3.25	6.00	48.00
74-302	12-10	YELLOW	8	3.25	6.00	48.00
74-303	12-10	YELLOW	10	3.25	6.00	48.00

RING



Part#	AWG	Color	Stud	50pcs	100pcs	1000pcs
74-304	22-16	RED	4	2.50	4.50	32.00
74-305	22-16	RED	6	2.50	4.50	32.00
74-306	22-16	RED	8	2.50	4.50	32.00
74-307	22-16	RED	10	2.50	4.50	32.00
74-308	22-16	RED	1/4"	3.00	5.50	42.00
74-309	22-16	RED	5/16"	3.00	5.50	42.00
74-310	22-16	RED	3/8"	3.00	5.50	42.00
74-311	16-14	BLUE	4	2.50	4.50	32.00
74-312	16-14	BLUE	6	2.50	4.50	32.00
74-313	16-14	BLUE	8	2.50	4.50	32.00
74-314	16-14	BLUE	10	2.50	4.50	32.00
74-315	16-14	BLUE	1/4"	3.00	5.50	42.00
74-316	16-14	BLUE	5/16"	3.00	5.50	42.00
74-317	16-14	BLUE	3/8"	3.00	5.50	42.00
74-318	12-10	YELLOW	6	3.25	6.00	48.00
74-319	12-10	YELLOW	8	3.25	6.00	48.00
74-320	12-10	YELLOW	10	3.25	6.00	48.00
74-321	12-10	YELLOW	1/4"	4.50	8.00	60.00
74-322	12-10	YELLOW	5/16"	4.50	8.00	60.00
74-323	12-10	YELLOW	3/8"	4.50	8.00	60.00
74-324	12-10	YELLOW	1/2"	9.00	17.00	135.00

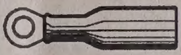
MOLEX/WALDOM TERMINALS

Perma-Seal™ ALL WEATHER, HEAT-SEALABLE NYLON TERMINAL AND SPLICES

Mfg. - MOLEX-ETC molex waldom

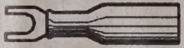
Provides rugged, environmentally sealed connection that will insulate, seal and protect joints from physical abuse, abrasion, water, salt and other corrosive compounds. The inner wall of the heat shrinkable nylon is lined with a special hot melt adhesive . As the sleeve is heated the adhesive melts and flows from the tubing. This fills any voids and creates a seal which repels moisture and is tough, durable and temperature stable. 10 PER PACK.

RING



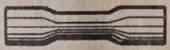
Part#	AWG	Color	Tab/Stud Size	Price per pack of 10 (1-9 pks)	(10-Up)
74-349	22-18	Red	#6	$2.89	$2.49
74-350	22-18	Red	#8	2.89	2.49
74-351	22-18	Red	#10	2.89	2.49
74-352	22-18	Red	1/4	2.89	2.49
74-353	22-18	Red	3/8	2.89	2.49
74-354	16-14	Blue	#6	2.89	2.59
74-355	16-14	Blue	#8	2.89	2.59
74-356	16-14	Blue	#10	2.89	2.59
74-357	16-14	Blue	5/16	2.89	2.64
74-358	16-14	Blue	3/8	2.89	2.72
74-359	12-10	Yellow	#6	3.29	2.89
74-360	12-10	Yellow	#8	3.29	2.89
74-361	12-10	Yellow	#10	3.29	2.89
74-362	12-10	Yellow	1/4	3.29	2.89
74-363	12-10	Yellow	5/16	3.29	2.89
74-364	12-10	Yellow	3/8	3.29	2.89
74-365	12-10	Yellow	1/2	3.29	2.89

SPADE



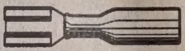
Part#	AWG	Color	Tab/Stud Size	Price per pack of 10 (1-9 pks)	(10-Up)
74-366	22-18	Red	#6	$2.89	$2.49
74-367	22-18	Red	#8	2.89	2.49
74-368	22-18	Red	#10	2.89	2.49
74-369	16-14	Blue	#6	2.89	2.59
74-370	16-14	Blue	#8	2.89	2.59
74-371	16-14	Blue	#10	2.89	2.59
74-372	12-10	Yellow	#6	3.29	2.89
74-373	12-10	Yellow	#8	3.29	2.89
74-374	12-10	Yellow	#10	3.29	2.92
74-375	12-10	Yellow	1/4	3.29	2.92

IN-LINE SPLICE (Butt)



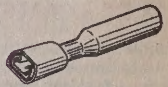
Part#	AWG	Color	Price per pack of 10 (1-9 pks)	(10-Up)
74-376	22-18	Red	$3.79	$3.59
74-377	16-14	Blue	4.59	4.29
74-378	12-10	Yellow	5.49	5.09

FEMALE QUICK DISCONNECT (1/4")



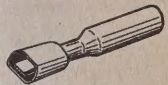
Part#	AWG	Color	Price per pack of 10 (1-9 pks)	(10-Up)
74-379	22-18	Red	$2.99	$2.59
74-380	16-14	Blue	2.99	2.59
74-381	12-10	Yellow	3.99	3.79

FULLY INSULATED QUICK DISCONNECT FEMALE



Part#	AWG	Color	Price per pack of 10 (1-9 pks)	(10-Up)
74-382	22-18	Red	$3.69	$3.39
74-383	16-14	Blue	4.19	4.09
74-384	12-10	Yellow	4.19	4.09

FULLY INSULATED QUICK DISCONNECT MALE



Part#	AWG	Color	Price per pack of 10 (1-9 pks)	(10-Up)
74-385	22-18	Red	$3.69	$3.39
74-386	16-14	Blue	4.49	4.19
74-387	12-10	Yellow	4.19	4.09

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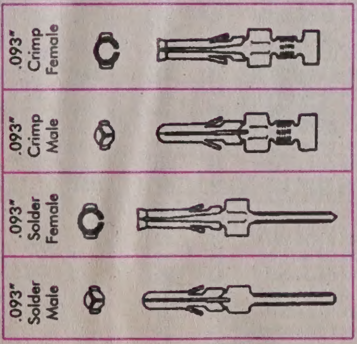
.093" (2.36mm) DIAMETER CRIMP TERMINALS

.093" (2.36mm) mating diameter 12-amp terminals for 03 series connector housings. Crimp or solder tail. Withstands 1500 volts RMS for 60 seconds minimum. .010" (.254mm) tin-plate brass stock.

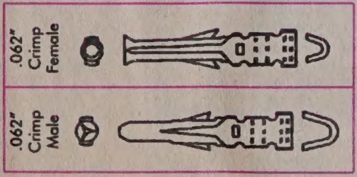
Part#	Wire Range	Insulation Diameter	Description	Pricing (1-99)	(100-up)
02-09-2103	14 - 20	.065/.160"	Male Crimp	$ .10	$ .08
02-09-1104	14 - 20	.065/.160"	Female Crimp	.10	.08
02-09-2118	18 - 22	.060/.120"	Male Crimp	.10	.08
02-09-1118	18 - 22	.060/.120"	Female Crimp	.10	.08
02-09-2134	-----	-----	Male Solder	.15	.12
02-09-1134	-----	-----	Female Solder	.15	.12



.062" (1.57mm) DIAMETER CRIMP TERMINALS

.062" (1.57mm) mating diameter 5-amp terminals for 03 series connector housings. Withstands 1500 volts RMS for 60 seconds minimum. .008" (.203mm) tin-plate brass.

Part#	Wire Range	Insulation Diameter	Description	Pricing (1-99)	(100-up)
02-06-2103	18 - 24	.060/.120"	Male Crimp	$ .09	$ .07
02-06-1103	18 - 24	.060/.120"	Female Crimp	.09	.07
02-06-2132	24 - 30	.040/.090"	Male Crimp	.09	.07
02-06-1132	24 - 30	.040/.090"	Female Crimp	.09	.07



ORDER HOUSING SEPARATELY ON PAGE 26

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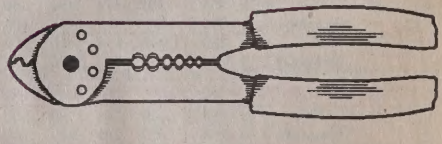
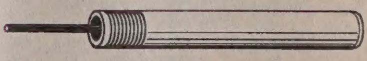
CRIMPING TOOL



W-HT-1919........For .093"..........**$12.95**

W-HT-1921........For .062"..........**$12.95**

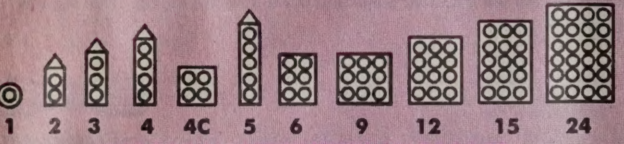
EXTRACTION TOOL



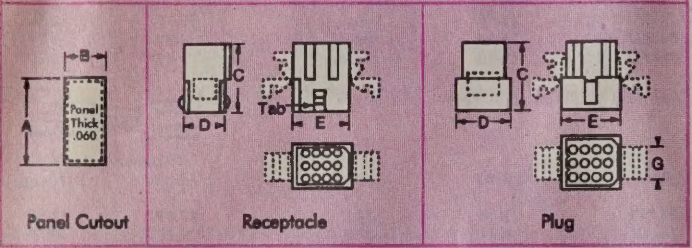
W-HT-2038........For .093"............**$9.95**

W-HT-2285........For .062"..........**$12.95** molex waldom

Grid Patterns



ORDER PINS SEPARATELY ON PAGE 25



Panel Cutout

Receptacle

Plug

.062" DIAMETER CONNECTORS

UL file number E-29179; CSA file number LR-19980. • Up to 5 amperes per circuit. • 250 volt rating. • Friction lock. • Standard color is natural. (• Ratings based on fully loaded housings.)

Plug

Receptacle

Grid Space	Grid Array	Type	Max. Amps	Volts	Dimensions (In.) A	B	C	D	E	Part#	Pricing (1-99)	(100-up)
.062" DIAMETER CONNECTOR HOUSINGS - WITH DETENT ONLY, FREE HANGING												
.145"	1	Plug	5	250	----	----	.750	----	----	03-06-2011	$ .18	$ .10
		Receptacle	5	250	----	----	.780	----	.183	03-06-1011	.18	.10
	2	Plug	5	250	.609	.318	.780	.300	.440	03-06-2023	.29	.17
		Receptacle	5	250	.505	.265	.810	.192	.340	03-06-1023	.32	.19
	3	Plug	5	250	.754	.318	.750	.300	.590	03-06-2032	.36	.21
		Receptacle	5	250	.650	.265	.780	.192	.484	03-06-1032	.36	.21
	4	Plug	5	250	.865	.312	.750	.295	.730	03-06-2042	.51	.31
		Receptacle	5	250	.785	.260	.780	.192	.630	03-06-1042	.51	.31
	4(c)	Plug	5	250	.615	.465	.750	.442	.442	03-06-2044	.52	.32
		Receptacle	5	250	.506	.400	.750	.339	.339	03-06-1044	.52	.32
	5	Plug	5	250	1.044	.318	.750	.310	.890	03-06-2055	.52	.33
		Receptacle	5	250	.940	.265	.780	.192	.775	03-06-1056	.68	.41
	6	Plug	5	250	.615	.607	.750	.600	.450	03-06-2061	.55	.33
		Receptacle	5	250	.552	.505	.780	.494	.344	03-06-1062	.55	.33
	9	Plug	5	250	.752	.615	.750	.590	.590	03-06-2092	.56	.34
		Receptacle	5	250	.650	.552	.780	.494	.489	03-06-1092	.56	.34
	12	Plug	5	250	.903	.614	.750	.590	.740	03-06-2122	.59	.36
		Receptacle	5	250	.795	.563	.780	.494	.634	03-06-1122	.61	.37
	15	Plug	5	250	1.042	.614	.750	.590	.880	03-06-2152	.79	.48
		Receptacle	5	250	.934	.563	.780	.494	.776	03-06-1152	.94	.57
.062" DIAMETER CONNECTOR HOUSINGS - WITH MOUNTING EARS & DETENT, PANEL MOUNT												
.145"	2	Plug	5	250	.609	.318	.780	.300	.440	03-06-2024	.30	.18
		Receptacle	5	250	.505	.265	.810	.192	.340	03-06-1022	.31	.19
	3	Plug	5	250	.754	.318	.750	.300	.590	03-06-2033	.33	.20
		Receptacle	5	250	.650	.265	.780	.192	.484	03-06-1031	.36	.22
	4	Plug	5	250	.865	.312	.750	.295	.730	03-06-2041	.51	.31
		Receptacle	5	250	.785	.260	.780	.192	.630	03-06-1041	.51	.31
	4(c)	Plug	5	250	.615	.465	.750	.442	.442	03-06-2043	.52	.32
		Receptacle	5	250	.506	.400	.750	.339	.339	03-06-1043	.52	.32
	5	Plug	5	250	1.044	.318	.750	.310	.890	03-06-2054	.54	.33
		Receptacle	5	250	.940	.265	.780	.192	.775	03-06-1055	.68	.41
	6	Plug	5	250	.615	.607	.750	.600	.450	03-06-2062	.55	.32
		Receptacle	5	250	.552	.505	.780	.494	.344	03-06-1061	.55	.32
	9	Plug	5	250	.752	.615	.750	.590	.590	03-06-2091	.55	.32
		Receptacle	5	250	.650	.552	.780	.494	.489	03-06-1091	.55	.32
	12	Plug	5	250	.903	.614	.750	.590	.740	03-06-2121	.59	.36
		Receptacle	5	250	.795	.563	.780	.494	.634	03-06-1121	.61	.37
	15	Plug	5	250	1.042	.614	.750	.590	.880	03-06-2151	.79	.48
		Receptacle	5	250	.934	.563	.780	.487	.776	03-06-1151	.92	.58
	24	Plug	5	250	1.182	.765	.750	.740	1.040	03-06-2241	1.95	1.15
		Receptacle	5	250	1.079	.715	.750	.634	.918	03-06-1241	1.95	1.15

.093" DIAMETER CONNECTORS

UL file number E-29179; CSA file number LR-19980. • Up to 12 amperes per circuit. • 250 volt rating for 03-09 series; 600 volt rating for 19-09 series. • Friction lock for 03-09 series; Positive lock for 19-09 series. (• Ratings based on fully loaded housings.)

Plug

Receptacle

Grid Space	Grid Array	Type	Max. Amps	Volts	Dimensions (In.) A	B	C	D	E	Part#	Pricing (1-99)	(100-up)
.093" DIAMETER CONNECTOR HOUSINGS - WITH DETENT ONLY, FREE HANGING												
.198"	1	Plug	12	5000	----	----	2.250	.437	----	03-09-2014	$ .38	$ .23
		Receptacle	12	5000	----	----	1.859	.312	----	03-09-1014	.37	.22
	1	Plug	12	250	----	----	1.000	.358	----	03-09-2011	.19	.11
		Receptacle	12	250	----	----	1.000	.234	----	03-09-1011	.19	.11
	2	Plug	12	250	.800	.375	1.000	.352	.639	03-09-2022	.34	.21
		Receptacle	12	250	.725	.312	1.030	.250	.536	03-09-1022	.34	.21
	3	Plug	12	250	.933	.375	.970	.340	.770	03-09-2032	.44	.26
		Receptacle	12	250	.840	.312	1.015	.236	.670	03-09-1032	.46	.28
	4	Plug	12	250	1.131	.375	1.000	.338	.971	03-09-2042	.45	.27
		Receptacle	12	250	1.038	.312	1.000	.236	.868	03-09-1042	.45	.27
	4(c)	Plug	12	250	.555	.695	1.024	.538	.538	03-09-2049	.86	.52
		Receptacle	12	250	.500	.600	1.000	.434	.434	03-09-1049	.88	.53
	5	Plug	12	250	1.331	.375	.969	.338	1.169	03-09-2052	.64	.38
		Receptacle	12	250	1.238	.312	1.000	.243	1.966	03-09-1052	.65	.39
	5(d)	Plug	12	250	----	----	.969	.350	1.170	03-09-2057	.58	.36
		Receptacle	12	250	----	----	1.000	.240	1.070	03-09-1057	.61	.37
	6	Plug	9	250	.750	.695	1.000	.733	.536	03-09-2062	.52	.32
		Receptacle	9	250	.718	.600	1.015	.632	.434	03-09-1064	.52	.32
	9(e)	Plug	9	250	.937	.660	.970	.730	.770	03-09-2092	.65	.39
		Receptacle	9	250	.828	.725	1.015	.625	.666	03-09-1094	.65	.39
	12	Plug	7.5	250	1.155	.760	1.000	.737	.770	03-09-2121	.73	.44
		Receptacle	7.5	250	1.050	.655	1.015	.633	.871	03-09-1126	.72	.43
.248"	2(b)	Plug	12	600	----	----	1.031	.359	.656	03-09-2028	.57	.35
		Receptacle	12	600	----	----	1.063	.265	.531	03-09-1028	.57	.35
	3(b)	Plug	9	600	----	----	1.031	.359	.921	03-09-2038	.68	.39
		Receptacle	9	600	----	----	1.063	.265	.784	03-09-1038	.68	.39
	4(b)	Plug	9	600	----	----	1.031	.359	1.156	03-09-2048	.71	.44
		Receptacle	9	600	----	----	1.063	.265	1.032	03-09-1047	.71	.44
.093" DIAMETER CONNECTOR HOUSINGS - WITH MOUNTING EARS & DETENT, PANEL MOUNT												
.198"	3	Plug	12	250	.933	.375	.970	.340	.770	03-09-2031	.45	.27
		Receptacle	12	250	.840	.312	1.015	.236	.670	03-09-1031	.48	.29
	4	Plug	12	250	1.131	.375	.969	.338	.971	03-09-2041	.46	.28
		Receptacle	12	250	1.038	.312	1.000	.236	.868	03-09-1041	.46	.28
	4(c)	Plug	12	250	.555	.695	.969	.538	.538	03-09-2040	.72	.44
		Receptacle	12	250	.500	.600	1.000	.434	.434	03-09-1040	.72	.44
	6	Plug	9	250	.750	.695	.969	.733	.536	03-09-2061	.52	.32
		Receptacle	9	250	.718	.600	1.015	.632	.434	03-09-1061	.52	.32
	9(e)	Plug	9	250	.937	.660	.970	.730	.770	03-09-2091	.67	.39
		Receptacle	9	250	.828	.725	1.015	.625	.666	03-09-1091	.65	.39
	12	Plug	7.5	250	1.155	.760	.969	.737	.975	03-09-2122	.73	.44
		Receptacle	7.5	250	1.050	.665	1.015	.633	.871	03-09-1125	.72	.43
	15	Plug	7.5	250	1.343	.760	.969	.734	1.169	03-09-2152	.92	.56
		Receptacle	7.5	250	1.240	.655	1.015	.632	1.066	03-09-1154	.92	.66
.248"	2(b)	Plug	12	250	.800	.375	.968	.352	.639	03-09-2021	.36	.21
		Receptacle	12	250	.725	.312	1.000	.250	.536	03-09-1027	.34	.20
.250"	3	Plug	11	600	1.022	.365	1.100	.350	.862	19-09-2031	.61	.43
		Receptacle	11	600	.920	.310	1.140	.250	.760	19-09-1031	.61	.43
	4	Plug	9	600	1.270	.365	.350	.350	1.110	19-09-2041	.86	.61
		Receptacle	9	600	1.168	.311	1.140	.250	.760	19-09-1041	.86	.61
	6	Plug	9	600	1.048	.658	1.100	.640	.886	19-09-2061	.89	.63
		Receptacle	9	600	.946	.608	1.140	.540	.790	19-09-1061	.89	.63
	9	Plug	8	600	1.048	.910	1.100	.890	.890	19-09-2091	.98	.69
		Receptacle	8	600	.948	.850	1.140	.790	.790	19-09-1091	.98	.69
	12	Plug	6	600	1.300	.910	1.100	.890	1.140	19-09-2122	1.50	1.05
		Receptacle	6	600	1.094	.850	1.140	.790	1.034	19-09-1121	1.50	1.05
	15	Plug	6	600	1.552	.910	1.100	.890	1.388	19-09-2153	1.99	1.39
		Receptacle	6	600	1.422	.850	1.140	.790	1.282	19-09-1151	1.99	1.39
.264"	1	Plug	12	600	.485	.343	.320	.320	.320	19-09-2018	.30	.19
		Receptacle	12	600	----	----	----	.300	.400	19-09-1019	.30	.19
	2	Plug	12	600	.800	.365	.635	.320	.580	19-09-2028	.50	.30
		Receptacle	12	600	----	----	----	.300	.560	19-09-1029	.50	.30
	3	Plug	11	600	1.022	.365	.862	.320	.848	19-09-2038	.55	.34
		Receptacle	11	600	----	----	----	.300	.830	19-09-1039	.55	.34
	4	Plug	9	600	1.270	.365	1.109	.321	1.110	19-09-2048	.57	.35
		Receptacle	9	600	----	----	----	.300	1.090	19-09-1049	.57	.35
	6	Plug	9	600	1.048	.658	.888	.604	.850	19-09-2068	.65	.39
		Receptacle	9	600	----	----	----	.560	.830	19-09-1069	.67	.41
	9	Plug	8	600	1.048	.909	.883	.868	.850	19-09-2098	.75	.45
		Receptacle	8	600	----	----	----	.560	.830	19-09-1099	.74	.46
	12	Plug	7	600	1.100	.910	1.140	.668	1.112	19-09-2128	.85	.51
		Receptacle	7	600	----	----	----	.830	.900	19-09-1129	.88	.53
	15	Plug	6	600	1.552	.910	1.392	.868	1.380	19-09-2158	1.20	.75
		Receptacle	6	600	----	----	----	.868	1.380	19-09-1159	1.30	.79

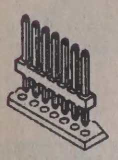
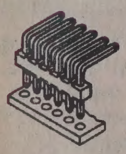
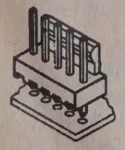
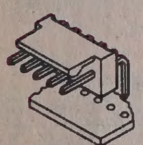
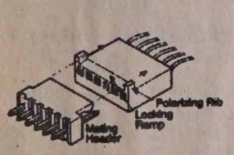
• (a) Electrical ratings are per circuit. (b) Center spacing .248" will accommodate: 14, 16 and 18 AWG with 1/32" insulation - 16 with 18 AWG (double crimp), each with 1/32" insulation. WM1400-WM1405 housings have positive locking rather than detent lock. (c) 4 circuits in square grid pattern. (d) Has positive lock rather than detent lock. (e) Mounting ears are molded flush with back edge of wire end. Not centered on side.

MOLEX/WALDOM HEADERS

molex **waldom**

.100" CENTER HEADERS (.025" Diameter Pins)

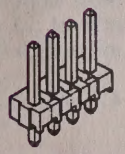
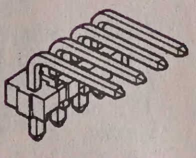
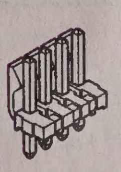
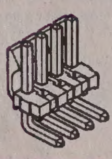
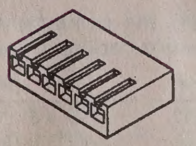
The Molex KK® concept utilizes a double cantilever contact design in mating with PC board pins. UL recognized (file #29179), CSA recognized (file #19980). **Voltage rating:** 250 VAC max. **Current rating:** up to 2.5 amps (w/22 AWG wire). **Resistance:** 20 milliohms max. **Dialectic withstanding voltage:** 1500 VAC for 60 seconds. **Storage temperature:** -40°C to 105°C. **Material:** 94V-O.

	Circuits	Length	Part#	(1-99)	(100-up)
Straight Header	2	.19"	22-03-2021	$ .14	$ .09
	3	.29"	22-03-2031	.21	.14
	4	.39"	22-03-2041	.30	.19
	5	.49"	22-03-2051	.38	.24
	6	.59"	22-03-2061	.45	.29
	7	.69"	22-03-2071	.52	.33
	8	.79"	22-03-2081	.53	.35
	9	.89"	22-03-2091	.60	.39
	10	.99"	22-03-2101	.61	.40
	11	1.09"	22-03-2111	.65	.42
	12	1.19"	22-03-2121	.72	.45
Right Angle Header	2	.19"	22-05-2021	$ .16	$ .10
	3	.29"	22-05-2031	.25	.16
	4	.39"	22-05-2041	.33	.30
	5	.49"	22-05-2051	.41	.27
	6	.59"	22-05-2061	.50	.33
	7	.69"	22-05-2071	.59	.38
	8	.79"	22-05-2081	.68	.44
	9	.89"	22-05-2091	.75	.48
	10	.99"	22-05-2101	.76	.49
	11	1.09"	22-05-2111	.84	.54
	12	1.19"	22-05-2121	.89	.58
Straight-Friction Lock Header	2	.200"	22-23-2021	$ .22	$ .14
	3	.300"	22-23-2031	.34	.22
	4	.400"	22-23-2041	.37	.24
	5	.500"	22-23-2051	.45	.29
	6	.60"	22-23-2061	.49	.30
	7	.700"	22-23-2071	.52	.32
	8	.800"	22-23-2081	.58	.37
	9	.900"	22-23-2091	.67	.42
	10	1.000"	22-23-2101	.68	.43
	11	1.100"	22-23-2111	.72	.47
	12	1.200"	22-23-2121	.79	.52
Right Angle-Friction Lock Header	2	.200"	22-05-3021	$ .47	$ .30
	3	.300"	22-05-3031	.54	.35
	4	.400"	22-05-3041	.60	.38
	5	.500"	22-05-3051	.67	.42
	6	.600"	22-05-3061	.75	.47
	7	.700"	22-05-3071	.85	.54
	8	.800"	22-05-3081	.89	.58
	9	.900"	22-05-3091	.94	.60
	10	1.000"	22-05-3101	.95	.62
	11	1.100"	22-05-3111	.99	.65
	12	1.200"	22-05-3121	1.05	.69
.100" CENTER CRIMP TERMINAL HOUSING (CONTACTS SOLD SEPARATELY)					
Center Crimp Terminal Housing	2	.22"	22-01-3027	$ .11	$ .07
	3	.32"	22-01-3037	.17	.11
	4	.42"	22-01-3047	.23	.15
	5	.52"	22-01-3057	.29	.19
	6	.62"	22-01-3067	.35	.22
	7	.72"	22-01-3077	.40	.26
	8	.82"	22-01-3087	.45	.29
	9	.92"	22-01-3097	.52	.34
	10	1.02"	22-01-3107	.59	.37
	11	1.12"	22-01-3117	.64	.41
	12	1.22"	22-01-3127	.69	.45
Polarized key for .100" Housings			15-04-9209	$ .10	$ .06
Polarized peg for .100" Housings			15-04-9210	.10	.06

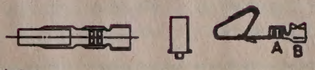
molex **waldom**

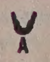
.156" CENTER HEADERS (.045" Diameter Pins)

The Molex KK® concept utilizes a double cantilever contact design in mating with PC board pins. UL recognized (file #29179), CSA recognized (file #19980). **Voltage rating:** 250 VAC max. **Current rating:** up to 7 amps (w/18 AWG wire). **Resistance:** 20 milliohms max. **Dialectic withstanding voltage:** 1500 VAC for 60 seconds. **Storage temperature:** -40°C to 105°C. **Material:** 94V-O.

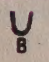
	Circuits	Length	Part#	(1-99)	(100-up)
Straight Header	2	.267"	26-48-1021	$ .09	$ .07
	3	.423"	26-48-1031	.12	.10
	4	.579"	26-48-1041	.22	.14
	5	.735"	26-48-1051	.29	.19
	6	.891"	26-48-1061	.36	.21
	7	1.047"	26-48-1071	.39	.27
	8	1.203"	26-48-1081	.49	.29
	9	1.359"	26-48-1091	.57	.34
	10	1.515"	26-48-1101	.59	.38
	11	1.671"	26-48-1111	.69	.39
	12	1.827"	26-48-1121	.70	.45
Right Angle Header	2	.267"	26-48-1022	$ .13	$ .08
	3	.423"	26-48-1032	.20	.13
	4	.579"	26-48-1042	.28	.17
	5	.735"	26-48-1052	.32	.20
	6	.891"	26-48-1062	.39	.25
	7	1.047"	26-48-1072	.49	.29
	8	1.203"	26-48-1082	.57	.34
	9	1.359"	26-48-1092	.64	.38
	10	1.515"	26-48-1102	.69	.42
	11	1.671"	26-48-1112	.79	.47
	12	1.827"	26-48-1122	.84	.49
Straight-Friction Lock Header	2	.310"	26-48-1025	$ .16	$ .09
	3	.466"	26-48-1035	.22	.14
	4	.622"	26-48-1045	.31	.19
	5	.778"	26-48-1055	.40	.24
	6	.934"	26-48-1065	.48	.28
	7	1.090"	26-48-1075	.56	.33
	8	1.246"	26-48-1085	.65	.38
	9	1.402"	26-48-1095	.73	.43
	10	1.558"	26-48-1105	.79	.49
	11	1.714"	26-48-1115	.89	.53
	12	1.870"	26-48-1125	.94	.58
Right Angle-Friction Lock Header	2	.310"	26-48-1026	$ .11	$ .09
	3	.466"	26-48-1036	.26	.15
	4	.622"	26-48-1046	.35	.21
	5	.778"	26-48-1056	.44	.27
	6	.934"	26-48-1066	.54	.32
	7	1.090"	26-48-1076	.62	.38
	8	1.246"	26-48-1086	.74	.42
	9	1.402"	26-48-1096	.82	.48
	10	1.558"	26-48-1106	.91	.54
	11	1.714"	26-48-1116	.99	.59
	12	1.870"	26-48-1126	1.05	.64
.156" CENTER CRIMP TERMINAL HOUSING (CONTACTS SOLD SEPARATELY)					
Center Crimp Terminal Housing	2	.31"	09-50-3021	$ .13	$ .08
	3	.46"	09-50-3031	.20	.13
	4	.62"	09-50-3041	.26	.17
	5	.78"	09-50-3051	.34	.21
	6	.93"	09-50-3061	.39	.26
	7	1.09"	09-50-3071	.48	.30
	8	1.24"	09-50-3081	.54	.34
	9	1.40"	09-50-3091	.59	.39
	10	1.56"	09-50-3101	.69	.44
	11	1.71"	09-50-3111	.74	.46
	12	1.87"	09-50-3121	.79	.49
Polarized key for .156" Housings			15-04-0219	$ .13	$ .08
Polarized peg for .156" Housings			15-04-0220	.13	.08

CRIMP TERMINALS FOR .100" & .156" CENTER HOUSINGS





Conductor Crimp Area



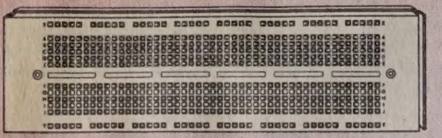
Insulation Crimp Area

Plating: 200-300μ inch Hot-Tin Dip tin plating.

Description	Wire Size	Insulation Dia.	Part#	(1-99)	(100-up)
For .100" Housings	22-30	.062 Max	08-50-0114	$ .08	$ .07
For .156" Housings	18-24	.110 Max	08-50-0106	$ .06	$ .05
	22-26	.065 Max	08-50-0108	$ .06	$ .05

FUNCTION BLOXS • BREADBOARDS

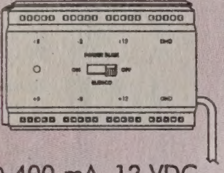
BREADBOARD CIRCUIT BOARD



Designed to be used with the function "bloxs" below. Board has 550 tie points including 2 power bus lines. Expandable through the interlocking feature.

42-178.................................*New* **$7.79**

POWER BLOX



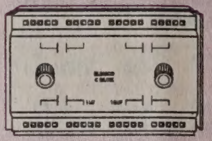
Fully regulated power supply gives you 5 VDC @ 1 amp, 5 VDC @ 400 mA, 12 VDC @ 300 mA and snaps into our 42-178 breadboard above. Has current limiting. Load regulation is better than 100 mV and max ripple is .005V RMS.

42-179.................................*New* **$18.25**

FUNCTION BLOXS

Breadbloxs are perfect for prototyping and as an educational tool. All interlock to make electronic circuit design easy. Units utilizes surface mount technology for their small 2" x 3" x 1" size and weight (under 2 oz.). Also provides shorter lead length minimizing lead capacitance. Function bloxs are only compatible with our 42-178 breadboard.

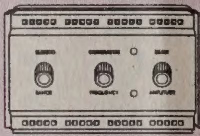
CAPACITOR DECADE BLOX



Provides 20 of the most popular capacitors from 47pF to 10 mfd at 50 volt (10% tolerance) except 10 mfd which is 35 volt.

42-175.................................*New* **$18.25**

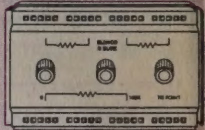
FUNCTION GENERATOR BLOX



Provides sine, sawtooth and square waves from 1 Hz to 1 MHz in 6 ranges with AM or FM modulation capability. Requires 42-179 power blox or any +5V & -5V power supply.

42-176.................................*New* **$33.95**

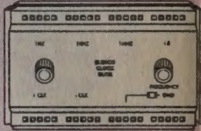
RESISTOR DECADE BLOX



Provides 20 of the most popular resistors from 47 ohm to 1 meg. Includes 100K variable pot.

42-174.................................*New* **$18.25**

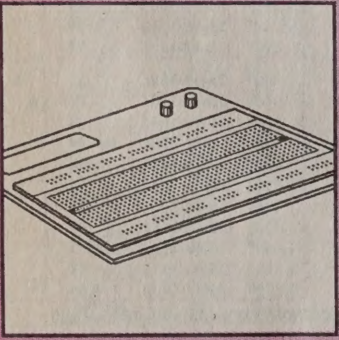
DIGITAL CLOCK BLOX



Provides pulses from 1 Hz to over 50 MHz. Includes crystal locking capability. All outputs have typical rise times of 13 nanoseconds and are capable of driving 10 LS-TTL loads. Requires 42-179 power blox or any 5V power source.

42-177.................................*New* **$24.79**

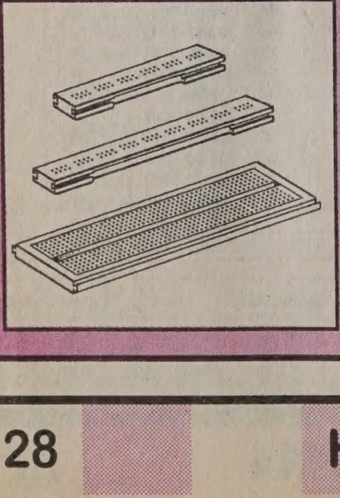
3M Solderless Breadboards and Strips



SOLDERLESS BREADBOARD

Ideal for prototype, experimental and educational purposes. Boards allow connection of dips of all sizes as well as most discrete components with leads up to .032" diameter. Interconnection can be done with 22 AWG solid wire. Sturdy metal base plate serves as a ground plane to help minimize noise and spikes. 5-way binding posts allow connection for ground, power supply and other external equipment. Includes 3M jumper wires.

Part#	*14 Pin Dip Capacity*	*Base Dimensions (L) x (W)*	*Total Tie Points*	*Total Tie Points Terminal*	*Vertical Distribution Buses*	*Horizontal Distribution Buses*	*Binding Post*	*(1-9)*	*(10-Up)*
42-148	6	5-13/32" x 4"	610	94	0	4	2	$10.49	$ 9.49
42-149	9	7" x 4"	840	128	0	8	3	15.49	14.99
42-150	18	7-3/4" x 6-1/4"	1824	256	4	16	3	31.49	28.95
42-151	27	8" x 9-1/4"	2712	384	24	4	4	39.99	36.50



SOLDERLESS BREADBOARD STRIPS

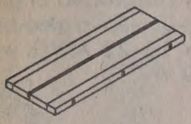
Offers the same benefits as standard breadboards while providing total layout freedom. Adhesive backing allows permanent mounting to any smooth surface.

Part#	*(L) x (W)*	*Description*	*(1-9)*	*(10-Up)*
42-152	7/16" x 6-1/2"	144 tie point • 6 rows of 6 • full distribution strip 3-row	$4.55	$3.99
42-153	11/32" x 3-1/2"	48 tie point • 2 rows of 6 • 1/2 distribution strip 2-row	2.79	2.49
42-154	11/32" x 4-29/32"	72 tie point • 2 rows of 9 • 3/4 distribution strip 2-row	2.89	2.59
42-155	11/32" x 6-1/2"	44 tie point full distribution strip 2-row	3.15	2.75
42-156	1-23/64" x 1-51/64"	170 tie point • 2 rows of 17 • 1/4 double terminal strip	4.25	3.75
42-157	1-23/64" x 3-1/2"	340 tie point • 2 rows of 34 • 1/2 double terminal strip	7.49	6.75
42-158	1-23/64" x 4-29/32"	480 tie point • 2 rows of 48 • 3/4 double terminal strip	9.99	9.25
42-159	1-23/64" x 6-1/2"	640 tie point • 2 rows of 64 • full double terminal strip	12.89	11.95

BREADBOARDS • BARRIER BLOCKS

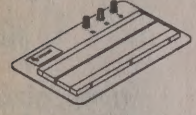
SOLDERLESS BREAD-BOARDS

Features ABS plastic body. Nickel plated phosphor bronze contacts. Contact resistance less than 1 milliohm @ 1kHz. Tested for over 10,000 cycles. Snap lock molded dovetail for combining multiple boards. Suitable for 19-29 AWG wire and all DIP size components.



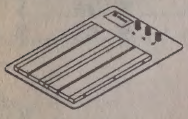
830 TIE POINT - Mainboard: 6.5" x 2.2" x 0.4"
2 distribution strips & 1 terminal strip

	(1-49)	(50-Up)
42-103	**$5.49**	**$5.25**



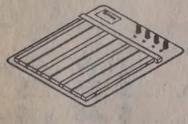
830 TIE POINT - Mainboard: 6.5" x 2.2" x 0.4"
2 distribution strips, 1 terminal strip
& 3 binding posts

	(1-49)	(50-Up)
42-104	**10.95**	**9.95**



1660 TIE POINT - Mainboard: 6.5" x 4.4" x 0.4"
4 distribution strips, 2 terminal strips
& 3 binding posts

	(1-19)	(20-Up)
42-105	**16.95**	**15.95**



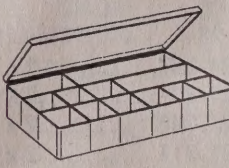
2390 TIE POINT - Mainboard: 7.0" x 6.5" x 0.4"
5 distribution strips, 3 terminal strips
& 4 binding posts

	(1-19)	(20-Up)
42-106	**22.95**	**21.50**

3220 TIE POINT - Mainboard: 7.4" x 7.5" x 0.4"
7 distribution strips, 4 terminal strips
& 4 binding posts

	(1-19)	(20-Up)
42-107	**29.95**	**28.50**

WIRE JUMPERS FOR BREADBOARDS

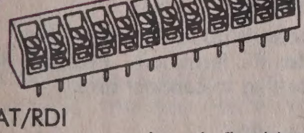


25 each of lengths. 1 through 5 (14 sizes) 350 assorted lengths and in 13 colors. Pre-stripped/ pre-formed 22 AWG soild wire jumpers. Handy durable clear plastic case.

42-146..**$10.95**

TRI-BARRIER TERMINAL BLOCKS

Ⓤ Ⓢ



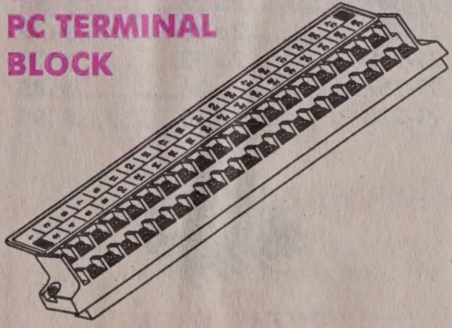
Mfg. - AUGAT/RDI
Has printed circuit terminals with flat block style. Vertical mount. 6-32 wire clamp screws.

Mfg.# - 4PCV-06
15A @ 150V, 2" x 5/8" x 1/2"
Accepts 14-20 AWG wire, .325" pitch
74-485............6 position.............**$1.25**

Mfg.# - 6PCV-12
20A @ 300V, 4-9/16" x 11/16" x 5/8"
Accepts 12-18 AWG wire, .375" pitch
74-443..........12 position.............**$2.25**

Mfg.# - 3PCV-24
5A @ 150V, 6-1/8" x 9/16" x 1/2"
Accepts 18-22 AWG wire, .25" pitch
74-486..........24 position.............**$2.99**

38 POLE DUAL TIER PC TERMINAL BLOCK

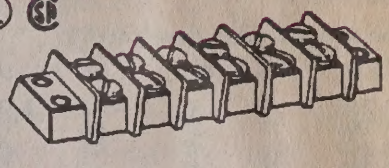


38 pole, 10 amp, screw connectors have captive wire guides for wires up to 14 AWG. An interconnect pin strip enables quick connect/disconnect of wired terminal strip from PC boards. Wires connect to numbered screw connectors as shown on ID gate. .2 spacing for dual edge PC board.

74-261....7-1/4" x 3/4" x 1-1/4"....**$1.99**

DUAL ROW BARRIER BLOCK

Ⓤ Ⓢ



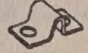
20 amp, 3/8" terminal centers, .44" high. Low barrier, closed back. Thermoplastic. UL recognized 250V commercial equipment. 14-22 AWG wire size. #6-32 steel nickel plated screws.

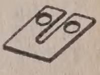
Part#	Sections	Length	(1-99)	(100-Up)
3000-2	2	1.41"	$ .39	$ .36
3000-3	3	1.78"	.49	.45
3000-4	4	2.16"	.65	.60
3000-6	6	2.91"	.99	.90
3000-8	8	3.66"	1.25	1.15
3000-10	10	4.41"	1.50	1.35
3000-12	12	5.16"	1.75	1.65
3000-16	16	6.66"	2.35	2.09
3000-20	20	8.16"	2.99	2.79
3000-22	22	8.91"	3.20	2.99
3000-24	24	9.66"	3.60	3.25
3000-26	26	10.41"	3.99	3.60
3000-28	28	11.16"	4.39	3.99
3000-30	30	11.91"	4.95	4.50

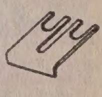
JUMPERS

3/8" centers for above barrier blocks

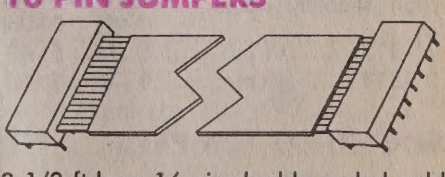
Part#	Contacts	Price
74-274	1	$ .11
74-264	2	.39
74-265	3	.49
74-266	4	.51
74-267	5	.61
74-268	6	.78
74-269	2	.53
74-270	3	.65
74-271	4	.77
74-272	5	.82
74-273	6	1.06







16 PIN JUMPERS



3-1/2 ft long 16 pin double ended gold pinned. This unit features a mylar foiled shield with a black pliable rubber type sleeving.

20-113..**$1.49**

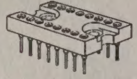
SOCKETS AND HEADERS

SOLDER TAIL DIP IC SOCKETS

Economy general purpose sockets.

Part#	Pins	Width	(1-99)	(100-Up)
21-265	8	.3"	$ .08	$:07
21-266	14	.3"	.08	.07
21-267	16	.3"	.08	.07
21-268	18	.3"	.10	.09
21-269	20	.3"	.11	.10
21-270	22	.4"	.08	.07
21-221	24	.3"	.18	.17
21-271	24	.6"	.12	.11
21-272	28	.6"	.13	.12
21-273	32	.6"	.15	.14
21-276	40	.6"	.19	.17

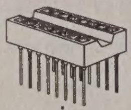
MACHINE PIN DIP IC SOCKETS



Machined-contact sockets provide lower contact resistance and greater retention.

Part#	Pins	Width	(1-99)	(100-Up)
21-104	8	.3"	$ .40	$ .35
21-131	14	.3"	.45	.40
21-118	16	.3"	.45	.42
21-123	18	.3"	.50	.46
21-142	20	.3"	.50	.46
21-103	22	.4"	.55	.49
21-124	24	.3"	.60	.54
21-119	24	.6"	.60	.54
21-308	28	.3"	.65	.59
21-121	28	.6"	.65	.59
21-192	32	.6"	.75	.59
21-120	40	.6"	.75	.69

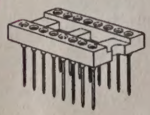
WIRE WRAP DIP IC SOCKETS



Allows multiple, connections per pin.

Part#	Pins	Width	Level	(1-99)	(100-Up)
21-236	14	.3"	2	$ .49	$ .45
21-175	16	.3"	2	.49	.45
21-254	18	.3"	2	.49	.45

GOLD WIRE WRAP MACHINE PIN SOCKETS



Mfg. - PRECICONTACT
2 level socket. Gold contact, gold sleeve.
High reliability socket

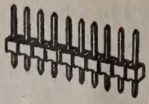
		(1-99)	(100-Up)
21-313	14 pin	$ .75	$ .60
21-314	16 pin	$ .75	$ .60

SHORTING JUMPERS

Shorting socket jumper to mate with headers above. Mates to .025" square posts on .100" centers. Open on top to allow for a test point. Black.

21-165..$ .11

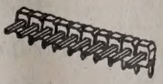
SINGLE ROW HEADERS



.1" centers
.025" square posts
Snappable headers

STRAIGHT

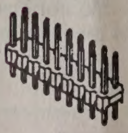
21-295	1 x 10	**$ .14**
21-204	1 x 32	**$ .50**
21-154	1 x 36	**$ .60**
21-256	1 x 40	**$ .70**



RIGHT ANGLE

21-205	1 x 32	**$ .50**
21-163	1 x 36	**$ .59**
21-305	1 x 40	**$ .70**

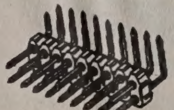
DUAL ROW HEADERS



.1" centers
.025" square posts
Snappable headers

STRAIGHT

21-207	2 x 7	**$ .22**
21-307	2 x 8	**$ .24**
21-198	2 x 10	**$ .25**
21-311	2 x 14	**$ .28**
21-208	2 x 15	**$ .30**
21-209	2 x 17	**$ .35**
21-210	2 x 20	**$ .45**
21-309	2 x 22	**$ .55**
21-211	2 x 25	**$ .65**
21-212	2 x 32	**$ .75**
21-257	2 x 36	**$ .85**
21-278	2 x 40	**$ .95**

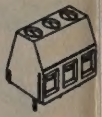


RIGHT ANGLE

21-282	2 x 8	**$ .24**
21-304	2 x 10	**$ .25**
21-310	2 x 17	**$ .35**
21-283	2 x 19	**$ .40**
21-294	2 x 30	**$ .70**
21-281	2 x 31	**$ .70**
21-213	2 x 32	**$ .75**
21-279	2 x 36	**$ .85**
21-280	2 x 40	**$ .95**

STACKABLE TERMINAL STRIP

Pitch .197"/5mm. Stackable for any number of contacts. Body constructed of green thermoplastic (UL94V-0). Tin plated brass terminals. Accepts 16-22 AWG wire Rated 10 amp @ 250 VAC.



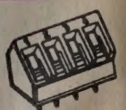
90° entry

		(1-99)	(100-Up)
74-480	2 position	**$ .34**	**$ .29**
74-481	3 position	**$ .45**	**$ .41**

45° entry

		(1-99)	(100-Up)
74-482	2 position	**$ .34**	**$ .29**
74-483	3 position	**$ .45**	**$ .41**

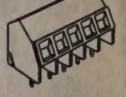
4 PIN TERMINAL STRIP



Mfg. - WIELAND
Mfg.# - 8145/4
13/16" x 1/2" x 1/2"
.197"/5mm pitch
Rated 15 amp @ 300V. Accepts up to 14 AWG wire. Has PC terminals. 45° wire entry. Rated 15 amp @ 300 V.

74-477..**$ .65**

5 PIN TERMINAL STRIP



Mfg. - PHOENIX
1" x 1/2" x 5/8"
.197"/5mm pitch
Accepts up to 16 AWG wire.
Has PC terminals. Features dovetail interlocking to connect strips.

74-489..**$ .65**

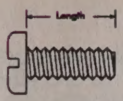
MACHINE PIN SIP SOCKETS

.1" spacing, low profile
Snappable with one pin loss

Part#	Pins	Price
21-152	5	$ .10
21-153	7	.12
21-219	8	.17
21-151	10	.20
21-128	16	.30
21-299	30	.75
21-274	32	.75

HARDWARE

PAN HEAD MOLDED NYLON SCREWS

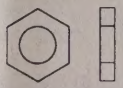


High quality screws constructed of durable non-conductive, non-corrosive type 6/6 nylon (UL 94V-2). .062" thick

Part#	Thread	Length(in)	Part#	Thread	Length(in)
28-123	4-40	1/4	28-131	6-32	3/4
28-124	4-40	3/8	28-132	6-32	1
28-125	4-40	1/2	28-133	8-32	1/4
28-126	4-40	3/4	28-134	8-32	3/8
28-127	4-40	1	28-135	8-32	1/2
28-128	6-32	1/4	28-136	8-32	3/4
28-129	6-32	3/8	28-137	8-32	1
28-130	6-32	1/2			

Price..........*(1-Up)* **$ .10** ......*(100-Up)* **$ .04** ......*(1K-Up)* **$ .025**

HEX NYLON NUTS

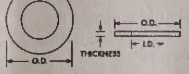


High quality nuts constructed of durable non-conductive, non-corrosive type 6/6 nylon (UL 94V-2).

Part#	Size	Part#	Size
28-141	4-40	28-143	8-32
28-142	6-32		

Price..........*(1-Up)* **$ .10** ......*(100-Up)* **$ .04** ......*(1K-Up)* **$ .025**

STANDARD NYLON FLAT WASHERS

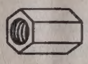


High quality washers constructed of durable non-conductive, non-corrosive type 6/6 nylon (UL 94V-2). .062" thick

Part#	Screw Size	ID	OD
28-138	4	.115	.25
28-139	6	.14	.312
28-140	8	.171	.375

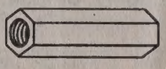
Price............*(1-Up)* **$ .05** ......*(100-Up)* **$ .02** ......*(1K-Up)* **$ .01**

HEX SPACERS



Thread size: 4-40, Length: 5/16"
Outside dia. : 9/32", Material: Aluminum

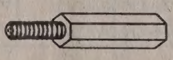
74-425...**$ .19**



Thread size: 8-32, Length: 1"
Outside dia. : 3/8", Material: Aluminum

74-424...**$ .25**

HEX STANDOFF

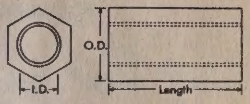


Thread size: 4-40, Length: 9/16"
Outside dia. : 3/16, Material: Aluminum

HEX-2...**$ .15**

FAST & ACCURATE ORDER PROCESSING

TAPPED HEX SPACERS

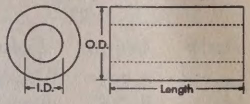


High quality tapped hex spacers constructed of durable non-conductive, non-corrosive type 6/6 nylon (UL 94V-2). 1/4" outside diameter.

Part#	ID	Length(in)	Part#	ID	Length(in)
28-144	4-40	1/4	28-150	6-32	3/4
28-145	4-40	1/2	28-151	6-32	1
28-146	4-40	3/4	28-152	8-32	1/4
28-147	4-40	1	28-153	8-32	1/2
28-148	6-32	1/4	28-154	8-32	3/4
28-149	6-32	1/2	28-155	8-32	1

Price............*(1-Up)* **$ .25** ......*(100-Up)* **$ .20** ......*(1K-Up)* **$ .15**

STANDARD SPACERS

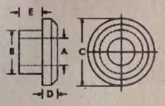


High quality round standard spacers constructed of durable non-conductive, non-corrosive type natural 6/6 nylon (UL 94V-2). 1/4" outside diameter.

Part#	ID	Length(in)	Part#	ID	Length(in)
28-032	4-40	1/8	28-073	6-32	3/4
28-040	4-40	1/4	28-089	6-32	1
28-056	4-40	1/2	28-034	8-32	1/8
28-072	4-40	3/4	28-042	8-32	1/4
28-088	4-40	1	28-058	8-32	1/2
28-033	6-32	1/8	28-074	8-32	3/4
28-041	6-32	1/4	28-090	8-32	1
28-057	6-32	1/2			

Price............*(1-Up)* **$ .10** ......*(100-Up)* **$ .05** ......*(1K-Up)* **$ .03**

BEVEL HEADED SHOULDER WASHER

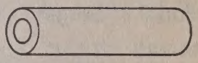


High quality washers constructed of durable non-conductive, non-corrosive type natural 6/6 nylon (UL 94V-2).

Part#	Screw Size	A	B	C	D	E
28-158		4	.187	.281	.04	.04
28-159		6	.218	.327	.04	.04
28-160		8	.250	.375	.05	.05

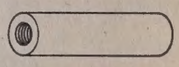
Price..........*(1-Up)* **$ .10** ......*(100-Up)* **$ .04** ......*(1K-Up)* **$ .025**

ROUND SPACERS



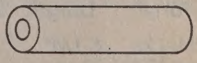
Inside dia. : 5/32", Length: 1"
Outside dia. : 1/4", Material: Aluminum

74-426...**$ .10**



Thread size: 6-32, Length: 7/8"
Outside dia. : 1/4", Material: Aluminum

8346...**$ .18**

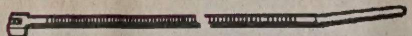


Inside dia. : 1/8", Length: 1"
Outside dia. : 1/4"
Material: Polyvinyl-Dichloride

4170...**$ .08**

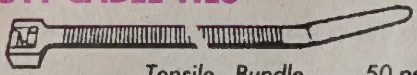
TYTON CABLE TIES

STANDARD CABLE TIES



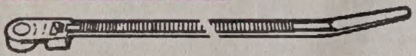
Part#	Length	Color	Tensile Strength	Bundle Size	100 per pack (1-24pks)	(25-Up)
44-098	4"	Natural	18 lbs	3/4"	$1.79	$1.59
44-099	4"	Black	18 lbs	3/4"	1.79	1.59
44-111	6"	Natural	30 lbs	1-1/4"	2.75	2.49
44-112	6"	Black	30 lbs	1-1/4"	2.75	2.49
44-100	8"	Natural	30 lbs	2"	2.99	2.79
44-101	8"	Black	30 lbs	2"	2.99	2.79
44-113	11-1/4"	Natural	30 lbs	3"	5.45	4.99
44-114	11-1/4"	Black	30 lbs	3"	5.45	4.99
44-102	14-1/4"	Natural	30 lbs	4"	6.95	6.49
44-103	14-1/4"	Black	30 lbs	4"	6.95	6.49

HEAVY DUTY CABLE TIES



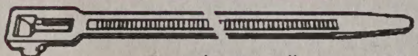
Part#	Length	Color	Tensile Strength	Bundle Size	50 per pack (1-9pks)	(10-Up)
44-115	8-7/8"	Natural	120 lbs	2"	$9.25	$8.49
44-116	8-7/8"	Black	120 lbs	2"	9.25	8.49
44-117	11-7/8"	Natural	120 lbs	3"	9.85	9.25
44-118	11-7/8"	Black	120 lbs	3"	9.85	9.25
44-119	15-1/4"	Natural	120 lbs	4"	10.85	9.95
44-120	15-1/4"	Black	120 lbs	4"	10.85	9.95

MOUNTING CABLE TIES



Part#	Length	Color	Tensile Strength	Bundle Size	100 per pack (1-24pks)	(25-Up)
44-121	4-1/4"	Natural	18 lbs	3/4"	$3.99	$3.75
44-122	6-1/4"	Natural	30 lbs	1-1/4"	4.45	4.15
44-123	8-1/2"	Natural	50 lbs	1-3/4"	4.49	4.09

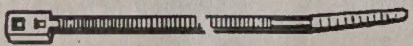
RELEASABLE HEAD CABLE TIES



Part#	Length	Color	Tensile Strength	Bundle Size	100 per pack (1-9pks)	(10-Up)
44-124	5-1/2"	Natural	50 lbs	1-3/8"	$8.75	$8.15
44-109	10"	Natural	50 lbs	2-3/4"	12.95	11.95

DOUBLE HEAD CABLE TIES

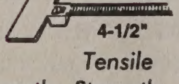
Allows two bundles to be harnessed together.

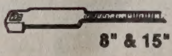


Part#	Length	Color	Tensile Strength	Bundle Size	100 per pack (1-9pks)	(10-Up)
44-125	8-1/4"	Natural	50 lbs	3/4"	$8.85	$8.49
44-126	12"	Natural	50 lbs	1-1/2"	11.49	10.99
44-127	15-1/2"	Natural	50 lbs	2"	12.49	11.99

IDENTIFICATION CABLE TIES

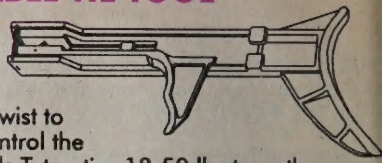
Tie & identify cable in one operation





Part#	Length	Tensile Strength	Bundle Size	Pkg. Size	(1-9pks)	(10-Up)
44-128	4-1/4"	18 lbs	3/4"	100 pcs	$7.49	$7.25
44-129	8"	50 lbs	1-3/4"	100 pcs	10.49	9.99
44-130	15"	50 lbs	4"	50 pcs	8.59	7.99

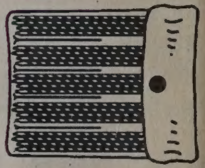
TYTONTWYSTER CABLE TIE TOOL



Lightweight pocket size tool is fast and efficient. Simply cinch tie to wire bundle and twist to remove excess strap. You control the tension and the cutoff. Installs Tyton ties 18-50 lb strength.

54-150 ....$19.95

TELECOM IDENTIFICATION TIE KIT



Pocket pac contains 50 of the most commonly used striped cable ties. (Ten each of: blue, orange, green). brown and slate; all with white stripes).

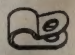
	(1-12pks)	(13-Up)
44-131	$3.75	$3.49

CABLE TIE MOUNTING BASE

White nylon bases with adhesive backs mounting. Insertion of ties can be made from all four sides.

Part#	Size	For Tie Size	100 per pack (1-9pks)	(10-Up)
74-343	5/8" Sq	18 lb	$14.49	$13.99
74-344	3/4" Sq	18-30 lbs	19.95	19.49
74-345	1-1/8" Sq	18-50 lbs	24.99	23.99

CABLE CLAMPS



Black color

Part#	Size	50 per pack (1-24pks)	(25-Up)
74-246	1/4"	$1.95	$1.80
74-247	3/8"	2.15	1.99
74-248	1/2"	2.25	2.05
74-249	3/4"	2.99	2.75
74-250	1"	7.49	6.99

RITE-ON SELF-LAMINATING WIRE AND CABLE MARKERS

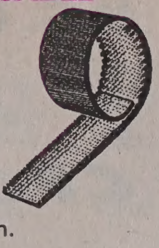
Seals legend under clear vinyl. Compact system designed to identify electrical cable, conduit, CATV coaxial cable, etc. Features high tack adhesive that resists flagging, dirt, oil, extreme temperatures etc. Coupled with non-smear 74-431 nylon marking pen is fast and economical.

Part No#	Write-On Area W x L	Marker Size W x L	Markers Per Roll	Wire Size Min Wire Size	ASTM	Wire Size Max Wire Size	ASTM	Price
74-427	3/4" x 1-1/4"	1/2" x 1-1/4"	200	.053"	16 ga.	.263"	#2	$8.34
74-428	3/4" x 1-7/8"	1/2" x 1-7/8"	150	.253"	#2	.330"	#0	7.72
74-429	3/4" x 3"	1" x 3"	90	.330"	#0	.625"	#5/8	9.53
74-430	3/4" x 6"	1" x 6"	40	.625"	#5/8	1.500"	----	9.53

One piece molded of self extinguishing, fungus-inert 6/6 nylon. Meets all applicable military specification and are QPL listed.

MADE IN AMERICA

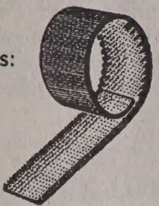
"RAPPERS®" RE-USABLE TIE WRAP



1/2" wide x 12" long, black. Unique velcro type wrap. One side has hooks and the other has loops. Front adheres to the back. Very strong and re-usable. Can be cut to desired length.

74-393..**$ .99**

COLORED "RAPPERS®" RE-USABLE TIE WRAP

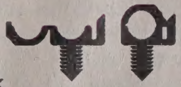


3/4" wide x 12" long
Colored assortment includes:
2-Black 1-Green
1-White 1-Red
1-Grey 1-Blue
1-Beige 1-Orange
1-Yellow

Unique velcro type wrap has hooks on one side and loops on the other. Front adheres to the back. Very strong and re-usable.

74-420...............................pk10/**$9.99**

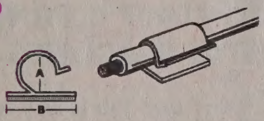
SCREW-IN CABLE CLAMPS



Fits in 1/4" hole. Clamp snaps closed to secure wire or cables up to 3/8" in dia. Color - black

74-163..**$ .10**

KWIK-KLIP

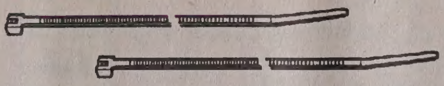


A - 3/16"
B - 3/4"

Cable clamp for wire bundles up to 3/16" diameter. Peel-N-Stick self adhesive back for easy mount. Non-latching - gray

74-220..**$ .12**

7-1/2" COLORED CABLE TIES



7-1/2" x .187"
1/16" - 1-3/4" bundle diameter.
Ideal for construction where lines are color coded.

SALE

1 Pack of 100

44-141..............Red.....................**$3.99**
44-142..............Blue.....................**$3.99**
44-143..............Green.................**$3.99**
44-144..............Yellow.................**$3.99**

FLUORESCENT

SALE

44-145..............*Pink*.....................**$4.25**
44-146..............*Orange*...............**$4.25**

4" CABLE TIES

Self locking, 3/4" max bundle diameter
18 lbs strength

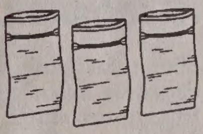
44-132...........black.............100/**$1.00**
44-133...........white.............100/**$1.00**

8" PURPLE CABLE TIES

8" purple tie
30 lb tensile strength

44-138...............................100/**$2.25**
44-139............................1000/**$20.00**

ZIPLOCK BAGS



2 Mil clear plastic ziplock bags.
100 per package

Part#	*Size*	*(1-23 pks)*	*(24-Up)*
14-171	2" x 3"	$3.09	$2.75
14-172	3" x 4"	3.50	3.25
14-173	4" x 6"	3.75	3.49

RECESSED BUMPERS

FIG A

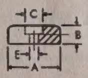
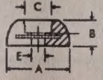
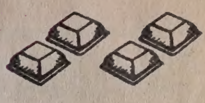


FIG B



Part#	*Fig*	*Material*	*O.D. Dim A*	*HT Dim B*	*Recess Dia Dim C*	*Screw Cir I.D. Dim E*	*Price pk of 4*
85-106	A	Rubber	3/4"	3/16"	1/4"	None	**4/$ .25**
85-104	B	Rubber W/Washer	1/2"	11/32"	1/4"	1/8"	**4/$ .25**
85-107	B	Rubber 6-32 3/8" Screw	1/2"	5/16"	1/4"	1/8"	**4/$ .25**

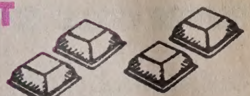
SELF-ADHESIVE RUBBER FEET



Mfg. - ITW
Color-black
3/8"sq x 3/16" tall

85-124..................................12/**$ .49**

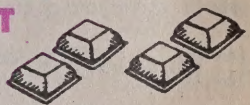
SELF-ADHESIVE RUBBER FEET



Mfg. - ITW
Color-black
1/2" sq x 1/4" tall

85-120....................1 sheet of 50/**$ .99**

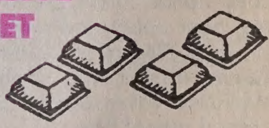
SELF-ADHESIVE RUBBER FEET



Mfg. - 3M
Color - white
1/2" sq. x 1/8" tall

85-109...................................12/**$ .75**

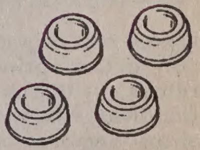
SELF-ADHESIVE RUBBER FEET



Color - black
3/4" sq. x 5/16" tall

SARF1...................................12/**$1.25**

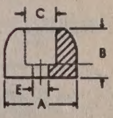
STICK-ON RUBBER FEET



Mfg. - AMATOM
.84" dia x .4" high
Black, depressed circle. 24 to a sheet.

85-125..................................24/**$1.99**

RECESSED BUMPERS



Mfg. - KEYSTONE, #720
O.D. - .5"......................Fig. A
Height - .25"..................Fig. B
Recess dia. - .25"...........Fig. C
Screw circle I.D. - .125"..Fig. E

Screw size - 4. Made of rubber. Excellent traction and shock absorbtion. Without molded-in washer.

	(4 pc)	*(100 pc)*	*(1000 pc)*
85-121	**$ .24**	**$5.00**	**$35.00**

M.G. CHEMICALS

SUPER DUSTER 70 PSI

M.G. Chemicals
SUPER DUSTER

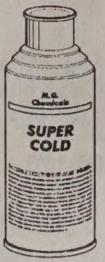
Removes microscopic dust, lint and foreign particles from printers, timing devices, cash machines, optical equipment and other electro mechanical instruments. Variable valve allows user to control pressure up to 70 psi. Zero residue. Non flammable.

16-115	10oz. Aerosol	$5.75
16-128	14oz. Aerosol	$7.75

M.G. CHEMICALS

ALL CFC FREE

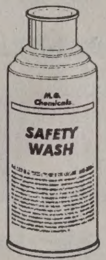
SUPER COLD SPRAY


M.G. Chemicals
SUPER COLD

Chills to -51oC (-60°F) for locating thermal intermittent electronic components, PCB cracks and cold solder joints. Protects heat sensitive components during soldering. Non flammable. Variable valve allows user to control rate of flow.

16-116	10oz. Aerosol	$5.75
16-129	14oz. Aerosol	$7.75

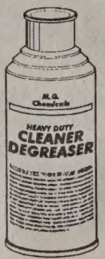
SAFETY WASH CLEANER/DEGREASER


M.G. Chemicals
SAFETY WASH

Works excellent on printed circuits, optical filters, circuit breakers, fiber optics and more. Safe on most plastics and elastomers. Leaves no residue. Static free. Variable valve allows user to control rate of flow.

16-117	18.5oz. Aerosol	$8.75

HEAVY DUTY CLEANER/DEGREASER


M.G. Chemicals
HEAVY DUTY
CLEANER DEGREASER

Cleans and degreases contacts, connectors, printed circuits, relays, switches and more. Dissolves wax, tars and adhesives. Removes oils, lubricants and oxides. Non flammable. Static free. Variable valve allows user to control rate of flow.

16-118	21oz. Aerosol	$10.25

HEAVY DUTY FLUX REMOVER

M.G. Chemicals
HEAVY DUTY
FLUX REMOVER

Removes all types of flux. Excellent for cleaning tips of soldering irons, heavily oxidated contacts, connectors and more. Penetrates to quickly remove most non-ionic and ionic soils. Variable valve allows user to control rate of flow.

16-119	14oz. Aerosol	$7.75

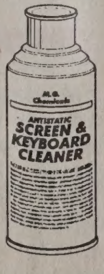
FLUX REMOVER FOR PC BOARDS

M.G. Chemicals
FLUX REMOVER PC BOARDS

Removes all types of organic rosin fluxes and ionic soils. No residue, evaporates quickly. Static free. Variable valve allows user to control rate of flow.

16-120	14oz. Aerosol	$7.75

ANTISTATIC SCREEN KEYBOARD CLEANER


M.G. Chemicals
ANTISTATIC
SCREEN & KEYBOARD CLEANER

Eliminates static charge from sensitive areas and provides long term static protection. Spray on and wipe off fingerprints, grease, oils, inks, organic and inorganic soils. For use on CRT's, keyboards, monitors, terminals and more.

16-121	14oz. Aerosol	$7.75

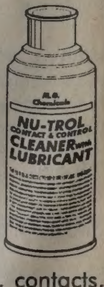
MAGNETIC HEAD/ DISC CLEANER

M.G. Chemicals
MAGNETIC HEAD CLEANER

Removes contaminating oils, oxides, dust, dirt and smoke film from sensitive magnetic tape heads, computer discs and drives. No residue. Static free.

16-124	8oz Liquid	$4.75

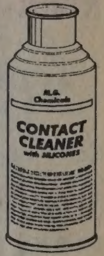
NU-TROL CONTACT CONTROL CLEANER WITH LUBRICANT


M.G. Chemicals
NU-TROL
CONTACT & CONTROL CLEANER with LUBRICANT

Contains a unique blend of high purity solvents and special lubricating oils for restoring electrical continuity and lubricating moving parts. Cleans and lubricates selector switches, contacts, controls, relays, tuners and more. Safe on most plastics. Variable valve allows user to control rate of flow.

16-125	12oz. Aerosol	$7.49

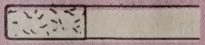
CONTACT CLEANER WITH SILICONES


M.G. Chemicals
CONTACT CLEANER with SILICONES

Cleans and lubricates tuners, office equipment, switches, keyboards, battery terminals, ignition systems and much more. Safe on most plastics and elastomers. Variable valve allows user to control rate of flow.

16-126	12oz. Aerosol	$7.49

CHAMOIS SWABS



3" handle. Extra rigid synthetic suede swabs used for maintenance and cleaning of data processors, electronics, optics and audio-visual. Static free.

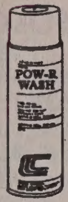
16-122	Pack of 15	$5.49

DOUBLE HEADED COTTON SWABS

6" white birch shaft. Pharmaceutical grade purified cotton for best absorption.

16-123	Pack of 100	$1.79

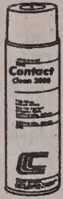
E-SERIES POW-R-WASH



Contains no class 1 CFCs.
Highly effective solvent cleaner for electronic components such as switches, motors, PC boards, relays and more.
SAFE ON MOST PLASTICS.
Dries fast - leaves no residue.

ES1681.........12 oz Aerosol..........**$18.49**

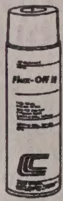
E-SERIES CONTACT CLEAN 2000



Contains no class 1 CFCs.
Quick penetrating cleaner that restores electrical continuity for contacts and switches.

ES1602........11.7 oz Aerosol..........**$9.75**

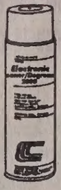
E-SERIES FLUX-OFF II



Contains no class 1 CFCs.
Alcohol blend defluxer removes all types of organic flux with less product. Out performs TMS-based solvents.

ES1530..........13.5 oz Spray...........**$7.49**

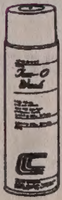
E-SERIES ELECTRONICS CLEANER/DEGREASER 2000



Contains no class 1 CFCs.
Removes oil, grease, dirt silicone, flux and adhesive. Engineered for PC boards, motors, interfaces and more.

ES1601........11.7 oz Aerosol..........**$9.25**

E-SERIES TUN-O-WASH®

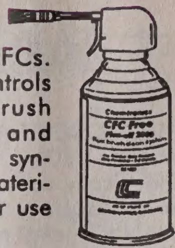


Contains no class 1 CFCs.
The first step in restoring a TV tuner to its original condition.
Specially formulated solvents thoroughly degrease oil, dirt, and gunk encrusted contacts.
Instantly removes built up oxidation, leaving parts and contacts totally clean. Tun-O-Wash evaporates quickly, leaves no residue and is SAFE FOR PLASTIC parts used in tuners.

ES2400........12.5 oz Aerosol.........**$9.95**

E-SERIES FLUX-OFF 2000 FLUX CLEAN BRUSH SYSTEM

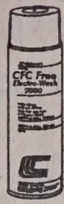
Chemtronics®



Contains no class 1 CFCs. Trigger on actuator controls solvent flow to the brush which gently loosens and removes R, RMA, RA and synthetic fluxes. Excellent material compatibility. Not for use on energized equipment.

ES835B............5oz liquid............**$4.95**

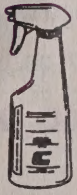
E-SERIES ELECTRO-WASH 2000



Contains no class 1 CFCs.
Excellent for cleaning PC boards, controls, motors, contacts and other mechanical devices.
Quickly penetrates and removes soils and contaminants.

ES1210........12.5 oz Aerosol..........**$9.99**

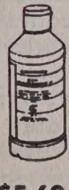
E-SERIES SUPER BIO WASH



Contains no class 1 CFCs.
Aqueous, non-abrasive cleaner is ideal for semiconductors, electro-mechanical assemblies, PC boards and more. Can be used in ultrasonic or hot/cold immersion systems.

ES1648T..........16 oz Spray...........**$5.25**

E-SERIES HEAD CLEANER II



Contains no class 1 CFCs.
Effectively removes oxides, dust, oils and many other contaminants from magnetic tape/disk heads, computer drives and more.

ES820L...........8 oz Liquid............**$5.69**

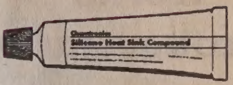
FOAMCLEAN LABEL ADHESIVE REMOVER

Mfg. - CHEMTRONICS
Effectively removes adhesive residue left by tape, stickers and labels from plastic, metal, glass and ceramic surfaces. Engineered for use on plastics and decorative materials. CFC free.

ES805..**$6.99**

SILICONE HEAT SINK COMPOUND

Chemtronics®



Mfg. - CHEMTRONICS
This non-corrosive grease provides excellent thermal transfer. High performance formula.

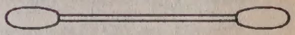
CT40-5...........5 oz tube...............**$4.25**

FOAMTIPS

6" wooden handle.
Cellular urethane (foam) over cotton bud swab. 100% lint free.

CF.................Pack of 15.............**$3.69**

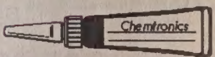
DOUBLE HEADED COTTON SWABS



6" white birch handle. Tightly wrapped cotton swabs for critical applications

CT200............Pack of 100...........**$1.99**

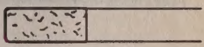
MICRO BOND III



High performance, general purpose cyanoacrylate adhesive.

CTCA3-3.........3 Grams...............**$1.49**

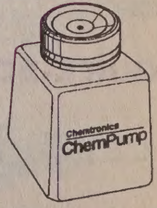
CHAMOIS TIPS



Ultra-clean synthetic chamois material for cleaning and polishing video tape heads

CC15.............Pack of 15............**$8.39**

CHEMPUMP SOLVENT DISPENSER

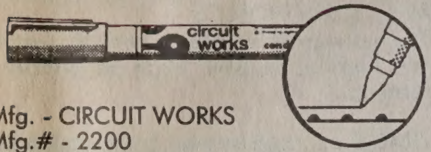


Compact solvent dispenser delivers a measured amount of solvent to surface reservoir cup with the lightest touch of a brush, applicator or sponge. Airtight check valve prevents contaminated liquid from dripping back in bottle and prevents evaporation. Plastic container with metal pump action.

CP40................4 oz **$12.45**
CP60................6 oz **$12.75**

circuit works

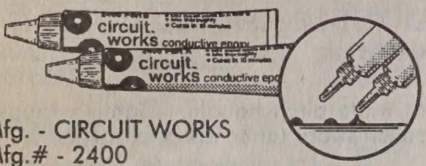
CONDUCTIVE PEN



Mfg. - CIRCUIT WORKS
Mfg.# - 2200
Instantly makes silver conductive traces for repair or new designs. Dries in minutes. 100ft of shielding traces.

2200..**$9.95**

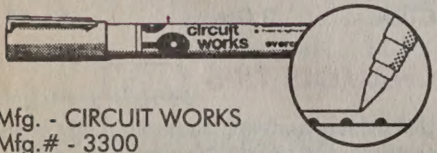
CONDUCTIVE SILVER EPOXY


circuit works conductive epoxy
circuit works conductive epoxy

Mfg. - CIRCUIT WORKS
Mfg.# - 2400
For repair and design. Solderless connections. Quick no or low heat cure. Includes both tubes. Net weight .5 oz.

2400-2....................................**$13.99**

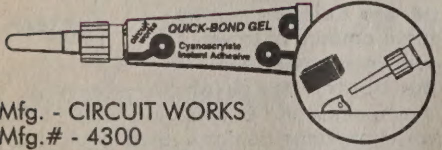
OVERCOAT PEN



Mfg. - CIRCUIT WORKS
Mfg.# - 3300
Tough overcoat protection, insulation and repair in a pen. Insulate circuit boards, components and delicate electronics against shorting/arcing. 60 lineal ft.

3300..**$9.49**

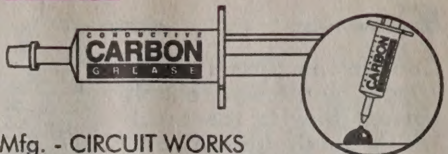
QUICK-BOND GEL



Mfg. - CIRCUIT WORKS
Mfg.# - 4300
Cyanoacrylate gel adhesive and accelerator for strong instant bonding of rubber, metals and plastics. Tensile strength on an aluminum to aluminum bond is 3770 PSI.

4300..**$5.49**

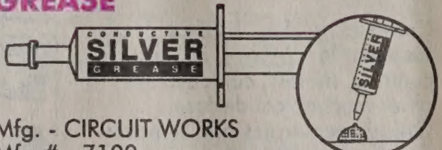
CONDUCTIVE CARBON GREASE



Mfg. - CIRCUIT WORKS
Mfg.# - 7200
Electrically conductive lubricant ideal for metal, rubber and plastic assemblies. Protects against moisture and corrosion. Net weight 3.5 grams.

7200..**$7.49**

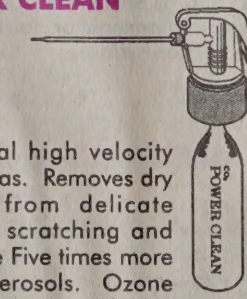
CONDUCTIVE SILVER GREASE



Mfg. - CIRCUIT WORKS
Mfg.# - 7100
Highly effective lubricant with excellent electrical and thermal conductivity. Compatible with metal, rubber and plastic. Protects against moisture, corrosion and oxidation.
Net weight 6.5 grams.

7100..**$10.99**

CO_2 POWER CLEAN



850 PSI
Contains natural high velocity carbon dioxide gas. Removes dry contaminants from delicate devices without scratching and leaves no residue Five times more powerful than aerosols. Ozone safe, no CFC's or HCFC's. Precision control valve and nozzle are reusable and the cylinder is replaceable.

Control valve, nozzle & cylinder
7" x 1-1/2", 7.4 oz.

16-105...............38g.................**$14.99**

7-1/2" x 1-1/2", 10.6 oz.

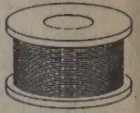
16-107...............74g.................**$24.95**

Replacement cylinder

16-106...............38g...................**$5.49**

16-108...............74g...................**$8.45**

5-CORE FINE GAUGE SOLDER



Mfg. - ERSIN MULTICORE
63% tin/37% lead, rosin core
The flux is peripherally arranged for fast action and flow. Wetting is fast, complete and uniform.

.01" diameter, 32 AWG
80-275............1/2 lb roll............**$9.95**

KESTER SOLDER

Rosin core
60% tin / 40% lead
1 lb spool

Special

Part#	Dia	Gauge	Price
46-147	.031"	21	**$8.49**
46-124	.025"		**9.99**
46-122	.020"	25	**10.99**

LOW RESIDUE CORE SOLDER

Mfg. - ERSIN MULTICORE
.062", 16 AWG, 1 lb spool
Non-corrosive formula with negligible residues. Ideal for applications where cleaning cannot be performed. Completely non-corrosive and non-conductive flux.

New

46-149..**$9.45**

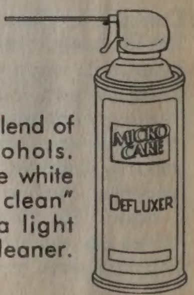
MICRO•FREEZE™ CIRCUIT CHILLER

MICRO CARE
MICRO•FREEZE

Mfg. - MICRO CARE
Instant chilling (<40°C) without CFCs, HCFCs, compressed air or venturi systems. Non-corrosive, plastic safe, ozone safe and does not leave a residue.

16-111..........10 oz aerosol...........**$7.95**

DEFLUXER

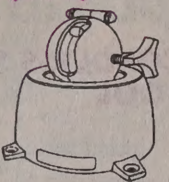


Mfg. - MICROCARE
Non-CFC defluxer. A blend of three water-free alcohols. Plastic safe. Gets those white residues even on "no clean" fluxes. Also use as a light degreaser and head cleaner. Ozone safe.

16-113..........12 oz aerosol...........**$6.95**

PANAVISE

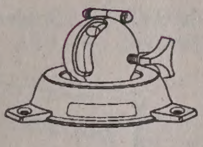
STANDARD BASE (300)



3-3/4" high, accepts all 5/8" stems. Holds all regular PanaVise heads and PCB holders. Split ball feature permits work in various positions, turns and tilts. Three base mounting holes in lugs allow permanent mounting of base.

74-397....................................**$17.49**

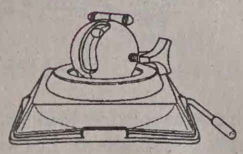
LOW PROFILE BASE (305)



2-1/2" high, accepts all 5/8" stems. Has all the same features as above base. Designed for working close to bench.

74-398....................................**$17.49**

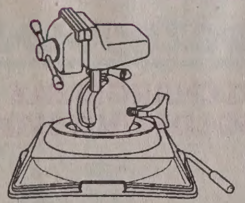
VACUUM BASE (380-45)



Accepts all 5/8" stems. Vacuum base for portable applications. Moving the lever arm instantly attaches the base to any smooth non-porous surface, without marring.

74-399....................................**$27.49**

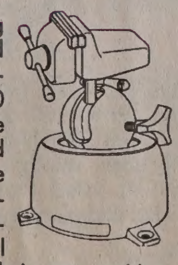
VACUUM BASE COMBO (381)



Combo of the 380 vacuum base and a 303 standard head which creates portable versatility

74-408....................................**$47.99**

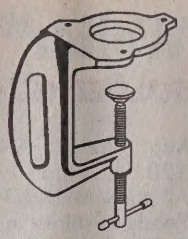
STANDARD PANAVISE (301)



All purpose work holding unit. It tilts, turns and rotates. This combination consists of the 300 standard base and the 303 standard head which has 2-1/2" wide nylon jaws that open 2-1/4" for firm but damage free grip. Control knob locks the work firmly in any position.

74-400....................................**$34.95**

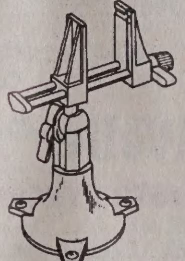
BENCH CLAMP (311)



Height 6-3/4", Throat depth 2-3/8", Gripping range 0 - 3-1/2". Designed for 300 and 305 bases with all screws supplied.

74-401....................................**$32.49**

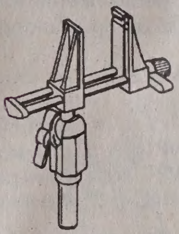
PV JR COMBO (201)



6-3/4" high, 1" wide grooved thermocomposite jaws that open to 2-7/8". Vise and base mount combination. Head rotates 360° and tilts 210°. Great for circuit board and other small work.

74-403....................................**$18.49**

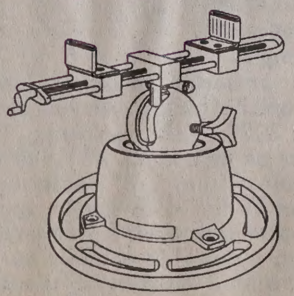
PV JR HEAD (203)



Designed to fit all 300 series bases. 5/8" stem. Horizontal & vertical grooved jaws.

74-404....................................**$14.95**

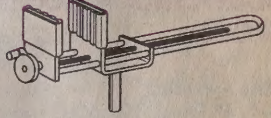
MULTI-PURPOSE WORK CENTER (350)



Includes the 376 self-centering extra wide opening head, the 300 standard base and the 312 tray base mount. Economical and convenient. The perfect companion for home or hobby needs.

74-407....................................**$68.50**

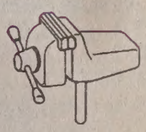
WIDE OPENING VERTICAL VISE HEAD (366)



Wide opening vertical vise head fits all 300 series bases. Neoprene reversible pads, rotates 360°. Tilt action 180°, grip range 0 - 6", jaw pad width 1-3/4", throat depth 2".

74-405....................................**$23.99**

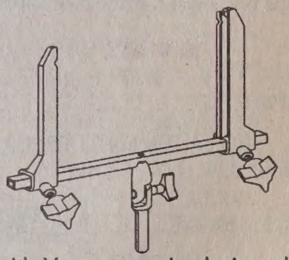
STANDARD VISE HEAD (303)



Has 2-1/2" wide nylon jaws that open 2-1/4" and allow firm but damage-free grip. Fits all 300 series bases.

74-402....................................**$19.49**

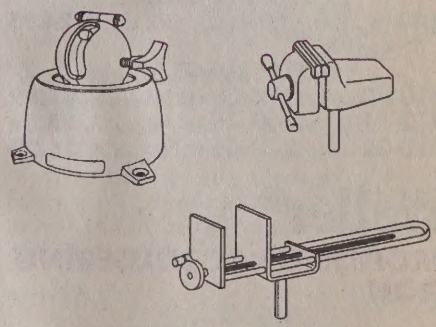
CIRCUIT BOARD HOLDER (315)



Circuit board holder, holds PC boards of any shape up to 12" wide in any position. Tension arm extends 6" from the bar, with V-groove grip designed to hold PCB's up to 5/32" thick. Fits all 300 series bases.

74-406....................................**$23.50**

STARTER KIT (302)



Features a combination of the 300 standard base and the two most popular heads: The 303 standard head with nylon jaws and the 366 wide opening head with deep-ribbed neoprene jaw pads.

74-415....................................**$59.45**

Weller®

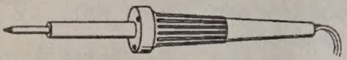
MARKSMAN SOLDERING IRON

Mfg. - Weller
8-1/4" long, 120 VAC input.
Quality featherweight soldering iron featuring stainless steel barrel, nickel plated copper tip and heat & impact resistant handle.

25 WATT WITH 1/8" CONE TIP
750° F (399° C)
SP23..**$9.95**

REPLACEMENT TIPS (CARD OF TWO)

MT-1	1/8" Conical tip	**$3.05**
MT-2	1/8" Screwdriver tip	**$3.05**

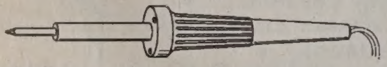


Mfg. - Weller
8-1/4" long, 120 VAC input.
Quality featherweight soldering iron featuring stainless steel barrels, nickel plated copper tips and heat & impact resistant handles.

40 WATT WITH 1/4" TIP
900° F (482° C)
SP40..**$13.99**

REPLACEMENT TIPS (CARD OF 2)

MT-10	1/4" Chisel tip	**$5.59**



Mfg. - Weller
9-3/4" long, 120 VAC input.
Quality featherweight soldering iron featuring stainless steel barrels, nickel plated copper tips and heat & impact resistant handles.

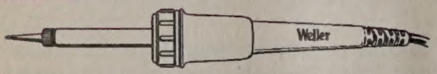
80 WATT WITH 3/8" CHISEL TIP
900° F (482° C)
SP80..**$24.95**

REPLACEMENT TIPS

MTG-20	3/8" Chisel tip	**$5.59**
MTG-21	1/4" Chisel tip	**$5.59**
MTG-22	3/8" Cone tip	**$6.25**

Weller®

PROFESSIONAL SOLDERING IRON

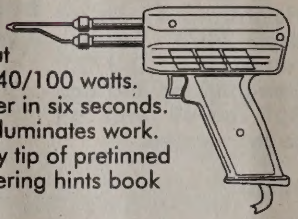


High efficiency 35 watt, grounded soldering iron. Comes with ST3 1/8" screwdriver tip. 120 VAC input.

WP35..**$34.95**

Weller®

SOLDER GUN



Mfg. - Weller
120 VAC input
All purpose 140/100 watts.
Ready to solder in six seconds.
Built-in light illuminates work.
High efficiency tip of pretinned copper. Soldering hints book included.

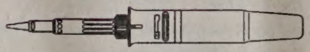
8200..**$28.99**

REPLACEMENT TIPS (CARD OF TWO)

7135	Copper	**$3.35**

Weller®

WST2 PYROPEN® JR



Mfg. - Weller
6-1/2" long.
Miniature version butane powered cordless soldering brazing and hot air tool with variable temperature: 392° - 842° F. Soldering, 806° F max hotblow and 2372° F max torch. Includes iron, tapered needle soldering tip and a 4.9mm hot air tip. Butane not included.

WST2..**$69.99**

REPLACEMENT TIPS

WPT-15	Tapered needle (0.5mm)	**$9.89**
WPT-16	Chisel point (3.0mm)	**$9.89**
WHC-54	Hot air tip (1.5mm)	**$12.25**

Weller®

WSTA3 PYROPEN® KIT

Mfg. - Weller
9-1/2" long.
Butane - powered cordless soldering, braising and hot air tool with variable temperature: 392° - 932° F soldering, 1398° F max hot air tip and 2372° F max torch. Kit contains: Iron, 1/8" soldering tip, 7/32" hot air tip, torch ejector, spanner, tool support clip, cleaning sponge and operating manual in a metal carrying case. Runs for 3 hours, ready to solder in 30 seconds. Butane not included.

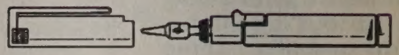
WSTA3..**$86.99**

REPLACEMENT TIPS

WPT-1	Tapered needle (0.5mm)	**$9.89**
WPT-4	Chisel point (3.0mm)	**$9.89**
WHC-51	Hot air tip (1.5mm)	**$9.89**

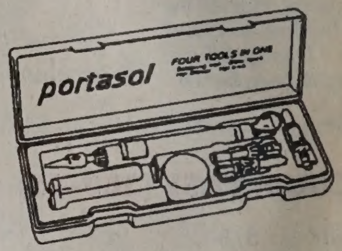
portasol®

CORDLESS SOLDERING TOOL



Features built-in igniter. Ready to use in less than 30 seconds for up to 90 minutes of continuous use. Refills take only 20 seconds. 2.4mm tip included. Butane not included.

46-112.........Soldering Iron.........**$26.25**



STARTER KIT

Includes above tool in unbreakable case along with stand, hot knife tip, hot blower and cleaning sponge.

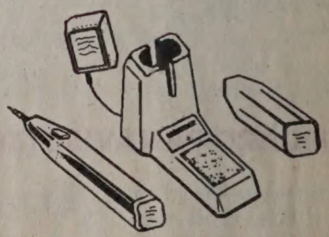
46-113..**$47.85**

REPLACEMENT TIPS

46-114	1.0mm	**$8.99**
46-115	2.4mm	**$8.99**

eazypower

RECHARGEABLE SOLDERING IRON



This iron has a built-in work light, and solders up to 100 connections on a charge. It comes with one replaceable tip, charging base, sponge, tip cover, hex key, 110 volt UL listed charging adapter, and has nickel cadmium batteries.

71501..**$25.95**

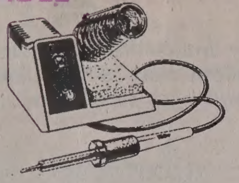
REPLACEMENT TIPS

73305..**$3.99**

SOLDERING STATIONS

WLC100 VARIABLE OUTPUT SOLDERING STATION

Weller®



Variable power control from 5 to 40 watts. Features: illuminated on/off switch, lightweight 40 watt pencil iron which includes the ST3 interchangeable tip and a cushioned foam grip handle, heating element, safety guard iron holder, and natural sponge tip cleaning pad.

	(1-5)	*(6-Up)*
WLC100	**$39.95**	**$36.95**

REPLACEMENT TIPS

ST1	1/16" Screwdriver tip	**$4.25**
ST3	1/8" Screwdriver tip	**$4.25**
ST5	1/32" Single flat tip	**$4.25**
ST6	1/32" Screwdriver tip	**$4.25**
ST7	1/32" Conical tip	**$4.25**
ST8	1/16" Narrow SD tip	**$4.25**

REPLACEMENT HEATING ELEMENT

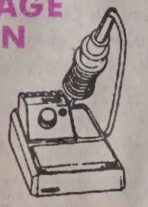
WLC101 .... **$9.95**

REPLACEMENT SPONGE

WCC104 .... **$ .89**

UTCSS DUAL WATTAGE SOLDERING STATION

ungar



Economical, dual wattage soldering station lets you choose either 21 watt or 35 watt, whichever temperature is proper for the job. Features: iron holder with ceramic funnel, soldering iron with an anti-strip grip handle for safe handling, a fully grounded tip for protection from static discharge, sponge and tip.

UTCSS **$54.95**

REPLACEMENT TIPS

PL100	1/16" Precision electronic	**$4.35**
PL111	1/32" Pencil-plated	**$4.35**
PL113	1/8" Chisel-plated	**$4.35**
PL114	1/16" Micro spade-plated	**$4.35**

REPLACEMENT IRON

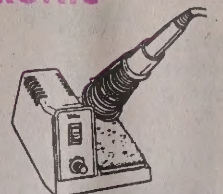
UTCS35 .... **$18.95**

REPLACEMENT SPONGE

UTCS04 .... **$2.49**

WCC100 ELECTRONIC CONTROLLED

Weller®



Compact electronically controlled soldering station has adjustable temperature ranges between 350° F - 850° F. Features: zero voltage circuit which ensures there is no high voltage spikes or magnetic fields present at the soldering tip, a lighted on/off switch, and the ETA 1/16" tip.

WCC100 .... **$99.95**

REPLACEMENT TIPS

ETA	1/16" Screwdriver tip	**$4.55**
ETK	3/64" Long screwdriver	**$4.55**
ETR	1/16" Narrow screwdriver	**$4.55**
ETS	1/64" Conical tip	**$4.55**

REPLACEMENT IRON W/ETA TIP

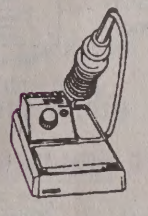
WCC101 .... **$42.99**

REPLACEMENT SPONGE

WCC104 .... **$ .89**

UTC100 ESD SAFE ELECTRONIC CONTROLLED

ungar



Electrostatic dissipative (ESD safe) temperature controlled (400° F - 800° F) soldering station features: closed loop temperature control, long-life ceramic heaters, and a macro-size iron with the interchangable PL100 tip. This CMOS safe station is fully grounded and meets MIL-specs. MIL-STP-2000, WS-6536E, MIL-S45743E.

UTC100 .... **$96.79**

REPLACEMENT TIPS

PL100	1/16" Precision electronic	**$4.35**
PL111	1/32" Pencil plated	**$4.35**
PL113	1/8" Chisel plated	**$4.35**
PL114	1/16" Micro spade-plated	**$4.35**

REPLACEMENT IRON

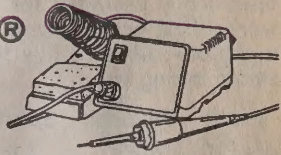
UTC131 .... **$41.99**

REPLACEMENT SPONGE

UTC234 .... **$2.49**

WTCPT CONTROLLED OUTPUT

Weller®



Transformer powered soldering station. Select temperature of 600° F, 700° F or 800° F by changing heat-sensing iron plated tips. Features: lightweight, heat-insulated, low-voltage soldering pencil with the PTA7 tip, detachable stand which contains water reservoir, sponge, iron holder and storage tray, ground tip, and a lighted on/off switch.

WTCPT/DSTCP **$119.95**
SPECIAL OFFER: Order WTCPT and receive a **FREE** DSTCP desoldering adapter.

600°F	700°F	800°F	
PTA6	PTA7	PTA8	1/16" Screwdriver
PTK6	PTK7	PTK8	3/64" Long screw.
PTR6	PTR7	PTR8	1/16" Narrow screw.
PTS6	PTS7	PTS8	1/64" Conical tip

REPLACEMENT TIPS **$4.79ea**

Replacement heater assembly for the TC201P soldering iron.

EC234 .... **$16.68**

REPLACEMENT IRON W/PTA7 TIP

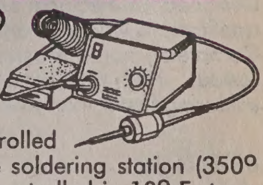
TC201P **$61.55**

REPLACEMENT SPONGE

TC205W **$1.75**

EC1002-2 ESD SAFE ELECTRONIC CONTROLLED

Weller®



Electronically controlled ESD safe variable soldering station (350° F-850° F). Dial controlled in 10° F steps. Features: 24 VAC isolated power unit used to drive the heating element, 20 watt micro iron, stand, sponge, illuminated on/off switch, and grounded solder tip. EPH101 tip included.

EC1002-2 .... **$206.99**

REPLACEMENT TIPS

EPH101	1/64" Micropoint	**$4.99**
EPH106	1/16" Screwdriver	**$4.99**
EPH109	1/32" Conical tip	**$4.99**

REPLACEMENT IRON

EC1302A **$80.99**

KESTER SOLDER

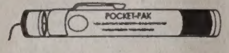
KESTER "44" ROSIN CORE SOLDER

KESTER
"44"
ROSIN CORE SOLDER

Specifically designed for electronic and electrical work. Fast acting instant wetting, non-conductive and non-corrosive flux for fast soldering and a strong lasting bond.

Part#	Tin/Lead	Spool	Dia	Gauge	(1-3)	(4-up)
46-120	63/37	1 lb	.020"	25	$13.25	$12.75
46-123	60/40	1 lb	.031"	21	8.99	8.49
46-141	63/37	1 lb	.031"	21	9.25	8.75
46-142	60/40	1 lb	.050"	18	8.95	8.49
46-134	60/40	1 lb	.062"	16	8.25	7.75

KESTER POCKET PACK®

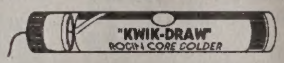


Convenient pencil-sized solder dispenser. Solder feeds through the plastic dispenser tube. Pocket clip attached. 60/40, .031", .5 oz resin flux solder.

(1-9) *(10-Up)*

83-4000..**$1.00**.....**$ .90**

KESTER KWIK-DRAW®



Ideal for the tool box. 60/40, .05", 1.3 oz resin flux solder.

(1-9) *(10-Up)*

83-0000..**$1.45**....**$1.25**

KESTER 331 ORGANIC FLUX CORE SOLDER

KESTER
ORGANIC CORE SOLDER

More effective than rosin fluxes when soldering difficult metals such as copper, nickel and brass. Extremely active. High heat stability allows for minimal smoke and odor. Water soluble, .031" dia,1 lb roll.

(1-9) *(10-Up)*

83-6403...**$10.99**..**$10.49**

KESTER 245 LOW RESIDUE CORE SOLDER

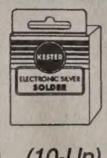
KESTER
SOLDER

Designed for electrical and electronic work. Ideal for applications where cleaning cannot be performed. Completely non-corrosive and non-conductive flux residue. High mobility and fast spreading action make soldering faster than ever. .031" dia, 1 lb roll.

(1-9) *(10-Up)*

83-8800...**$10.99**..**$10.49**

ELECTRONIC SILVER SOLDER

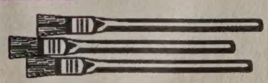


62% tin, 36% lead, 2% silver alloy with a rosin flux core. For soldering small silver coated surface mount components to PC boards. .02" dia, 1 oz.

(1-9) *(10-Up)*

83-0415..**$2.89**....**$2.74**

KESTER ALL PURPOSE BRUSHES

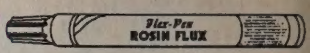


6" long. Can be used for flux paste, paint, grease, ink and sealants.

(1-5) *(6-Up)*

54-1000...pack of 3..**$ .49**....**$ .35**

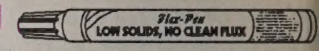
KESTER FLUX PEN #186



Flux pen allows an easy and controlled application of mildly active flux. Chisel point tip allows work in tight places. Eliminates mess from flux bottles. Good heat stability minimizes white residue problems. 1/3 oz.

83-0186..**$2.99**

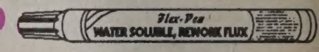
KESTER FLUX PEN #951


Flux-Pen
LOW SOLIDS, NO CLEAN FLUX

Ideal for probe testing. Low solid, halide free "no clean" flux without the mess bottle flux leaves. Chisel point allows work in tight spaces. Eliminates interfering residues. 1/3 oz.

83-0951..**$2.99**

KESTER FLUX PEN #450



Features a water soluble, rework flux formula. Ideal for touch up work. Chisel point allows work in tight spaces. 1/3 oz.

83-0450..**$2.99**

KESTER TINNING BLOCK

KESTER
TINNING BLOCK

Cleans and tins soldering iron tips in one easy motion. 1/2 lb.

(1-9) *(10-Up)*

83-0005..**$2.49**....**$2.25**

KESTER SP44 ROSIN PASTE FLUX

KESTER
ROSIN PASTE FLUX
SP-44

A highly active non-corrosive flux with excellent wetting action. Specifically for electronic applications. Permits soldering of difficult metals such as brass or nickel. Non-corrosive and non-conductive.

(1-9) *(10-Up)*

83-0144..**$1.09**....**$ .95**

KESTER SP30 ACID PASTE FLUX

All purpose flux for metal repair soldering. Specifically designed for where liquid fluxes may be hazardous. 2 oz.

(1-9) *(10-Up)*

83-0001..**$1.09**....**$ .95**

KESTER SOLDER PASTE

Low melting, lead-free solder alloy.
Packed in a handy no mess, no waste syringe. 1/4 oz.

SILVER SOLDER
Ideal for all electrical soldering, copper piping and car radiators. Will not tarnish. Melting point 430°F.

82631-4..**$3.99**

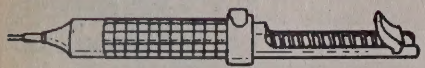
ALUMINUM SOLDER
Designed for soldering aluminum to aluminum and to other metals. Ideal for aluminum to copper tubing, refrigeration, aluminum boats, doors and windows. Melting point 450-464°F.

82633-8..**$4.89**

DESOLDERING TOOLS

EDSYN
DESOLDERING TOOLS

CHALLENGER SOLDAPULLT®

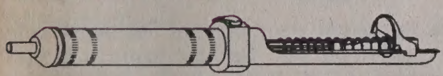


Mfg.# - SS750
External main spring design creates a powerful vacuum stroke. Soft-push cam trigger. Single full stroke plunger and cleaning shaft allow maximum vacuum flow. Cushioned locked tiplet (tip) for soft touch. Made of durable high-impact plastic.

SS-750..**$7.75**

Replacement tip for above
SRT-751......................................**$1.49**

SOLDAPULLT®

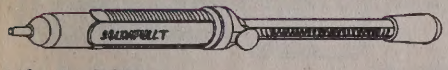


Mfg.# - SS350
Low static, high performance. Metal barrel, teflon tip. External main spring design creates a powerful vacuum stroke. Spring also functions as a static arrestor. Single plunger design allows for full strike, maximum vacuum flow and less friction. Easy to load. Self cleaning.
1/8" I.D. , 9/16" length

SS-350..**$9.49**

Replacement tip for above
LS-363..**$5.65**

DELUXE SOLDAPULLT®

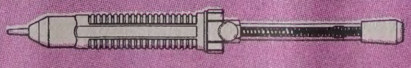


Mfg.# - DS017
Designed for rework or removal of most advanced circuit components. A no-stick teflon spout self cleans with each vacuum cycle. Loaded with features: Push-out tip, internal solder traps, extra large vacuum chamber, internal cleaning shaft and multi-action plunger system. High impact barrel is made of durable nonconductive plastic with a comfort sculptured hand grip. Easily disassembled for internal cleaning and lubrication. Rugged trigger latch for fast hand operation.

DS-017.....................................**$19.39**

Replacement tip for above
SRT-12..**$3.25**

DELUXE SOLDER SUCKER

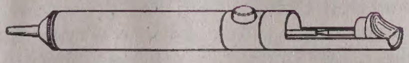


13-1/2"(L) x 1" dia.
Constructed of durable corrosion resistant plastic with a precision metal plunger, corrosion treated springs and insulated vacuum pulse. Also features regulated return, uniform reset pressure and cushioned shock reduction. Fitted with a replaceable teflon tip.

46-145.....................................**$8.50**

Replacement Tip
46-146.....................................**$1.79**

ECONOMY DESOLDERING PUMP

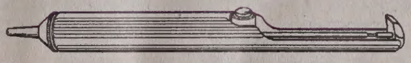


Heavy duty aluminum desoldering pump.

46-131..**$4.95**

Replacement tip for above
46-136..**$1.25**

DESOLDERING PUMP

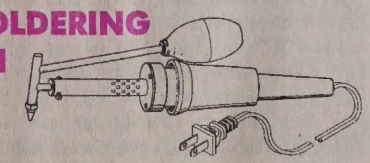


Mfg. - WELLER
This high quality professional tool is lightweight aluminum, yet has tremendous suction.

Standard desoldering pump with .07" tip
WDP-07....................................**$15.99**

Replacement tip for above with 0.7" tip
WDT-07......................................**$3.65**

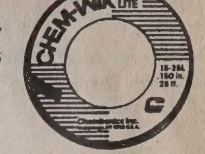
DESOLDERING IRON



40 watt iron with attached pump. Allows components to be removed and replaced fast, with less chance of heat damage.

46-139..**$9.95**

CHEM-WIK® DESOLDERING BRAID



Mfg. - CHEMTRONICS
Advanced technology braid that performs faster with less heat. Meets MIL specs.

5ft. Spools

Part#	*Width*	*Color*	*Price*
2-5L	.030"	GRAY	$1.45
5-5L	.050"	YELLOW	1.45
7-5L	.075"	GREEN	1.55
10-5L	.100"	BLUE	1.65
15-5L	.150"	BROWN	1.89
19-5L	.190"	RED	1.99

25ft. Spools

2-25L	.030"	GRAY	$6.99
5-25L	.050"	YELLOW	6.99
7-25L	.075"	GREEN	6.99
10-25L	.100"	BLUE	7.99
15-25L	.150"	BROWN	8.99
19-25L	.190"	RED	9.25

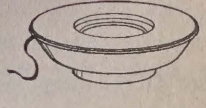
50ft. Spool

19-50L	.190"	RED	$14.95

100ft. Spools

2-100L	.030"	GRAY	$24.95
5-100L	.050"	YELLOW	24.95
7-100L	.075"	GREEN	25.95
10-100L	.100"	BLUE	27.95
15-100L	.150"	BROWN	32.95
19-100L	.190"	RED	34.95

DESOLDERING BRAID



5ft. Spool
.1" wide
Copper braid

46-130..**$ .95**

SOLDER

1 lb, 60/40,
.031", 21 AWG
Rosin core

46-127..**$6.95**

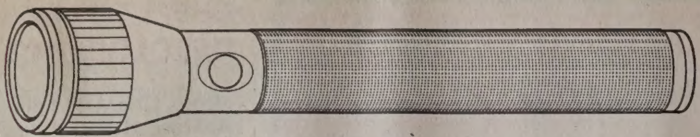
Mfg. - ALPHA
1 lb, 60/40, .032", rosin core

46-148..**$6.95**

Mfg. - KESTER
1 lb, 63/37, .062"

46-150..**$6.95**

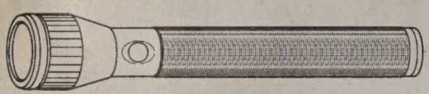
ALUMINUM FLASHLIGHT



Mfg. - DORCY
12-3/4"
Made of aircraft aluminum with a black anodized finish. Fully adjustable bright beam. Krypton Xenon Plus® bulb. Both shock and water resistant. Lifetime mfg. warranty. Requires 3 "D" cells.

25-311..**$16.75**

MAG LITE.
FLASHLIGHTS



Made of aircraft aluminum, each features adjustable beams and includes a spare bulb in the cap.

Includes two 'AAA' batteries
MMA2.........5" long black..............**$10.95**

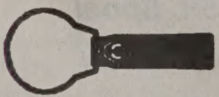
Requires two 'AA' batteries
MINI-BK......5-3/4" long black.........**$13.95**

Requires two 'D' batteries
S2D............10" long black.............**$21.95**

Requires four 'D' batteries
S4D............14-1/2" long black.......**$23.95**

Requires six 'D' batteries
S6D...........19-1/2" long black........**$26.95**

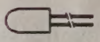
BELT HOLDER



For 'D' cell mag-lites

MAG-HLD...................................**$5.95**

REPLACEMENT FLASHLIGHT BULBS



Life of the genuine Mag instrument bulbs is equivalent to 3 or 4 sets of batteries.

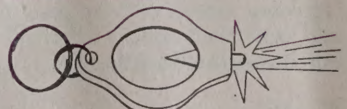
For use with two 'AAA' alkaline batteries, for mini mag-lite 'AAA'.

LM3A001...............................pk 2/**$2.49**

This bulb designed for use with two 'AA' alkaline batteries, for mini-bk 'AA' lite.

LM2A001.............................pk 2/**$2.49**

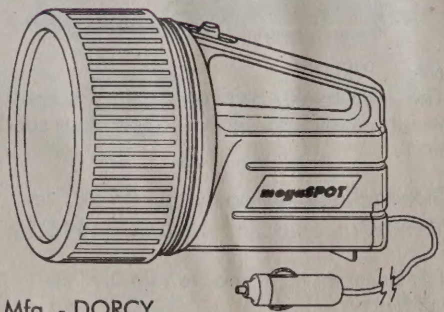
MICRO-LIGHT KEY RING
VISABLE OVER 1 MILE



1-5/8" x 1" x 1/4"
Case constructed of tough ABS black plastic. Life time LED powered by a 3 volt lithium battery (5 year shelf life). Available in either red and yellow LED. •Yellow has an output of 17.87 candela with a 590nm wavelength with an 8° angle. Produces a color beam able to illuminate an area over 30ft away. •Red has an output of 1.8 candela with a 644nm wavelength with a 30° angle. To the eye appears as bright as the yellow but wide angle and easily viewed from the side.

25-291..........Yellow....................**$8.95**
25-292..........Red........................**$8.95**
39-194..........Extra Battery..........**$1.15**

MEGA SPOT



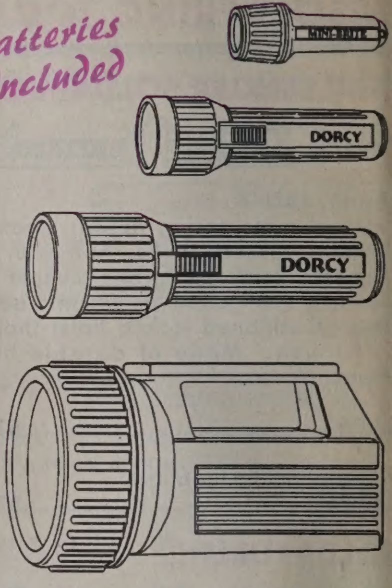
Mfg. - DORCY
Weatherproof heavy duty xenon spotlight. Xenon lamp lasts 5 times longer and provides 100% brighter and whiter light beam that shines over 300ft. Features a giant 6" lens and can be powered by 4 "D" batteries (not included) or 12V lighter cord which is included along with a pre-wired 10ft cord. It also has a convenient wrist strap and carries a mfg. lifetime warranty.

25-320.......................................**$9.95**

Batteries sold seperately to right ⟶

FLASHLIGHT COMBO PACK

Batteries Included

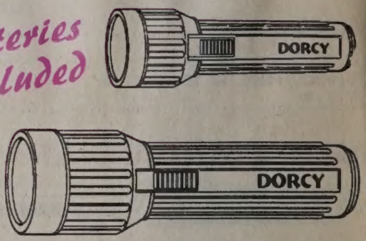


Super bright weatherproof flashlights with krypton bulbs. Set contains a 6 volt lantern, 7-3/4" 3 volt, 6" 3 volt flashlights and a 3-1/2" 1.5 volt keychain flashlight all with durable hang rings. Batteries for all flashlights are included. Lifetime mfg. warranty.

25-309......................................**$12.99**

HOME & CAR PACK

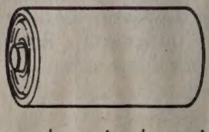
Batteries Included



Super bright weatherproof flashlights with krypton bulbs. 7-3/4" 3 volt and 6" 3 volt flashlights with durable hang ring. Batteries included. Lifetime mfg. warranty.

25-310.......................................**$5.99**

"D" BATTERIES



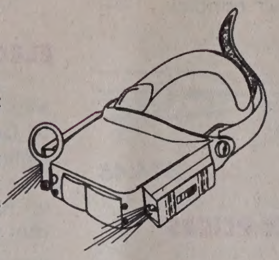
Heavy duty carbon zinc batteries.

33-151.................................2pk/$ .99

OPTICAL DEVICES

LIGHTED BINOCULAR MAGNIFIER

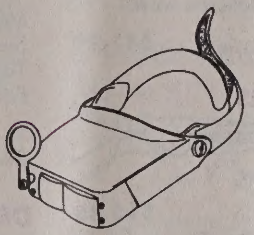
Illumination and Magnification



Lighted hands free magnifier with adjustable head band has 3 levels of magnification. The visor has a built in 1.8X lens with a flip down magnifier for 4.8X plus a pull down eye loupe for EXTRA magnification. Features bright side lights each powered by 2 "AAA" batteries (included).

10-109...**$26.95**

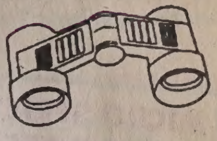
BINOCULAR MAGNIFIER



Hands free magnifier with adjustable headband and two levels of magnification: 2.2 @ 10" and by folding down second lens 3.3 @ 5". Can be worn over eyeglasses and flips up when not in use.

10-108...**$17.85**

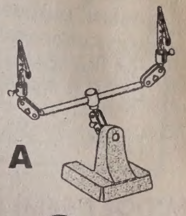
MINIATURE FOLDING BINOCULARS



2.5" x 17.5 power. High quality, light weight (2.5oz), constructed from solid aluminum with natural rubber grips. Adjustable eyepieces, folds to 1-1/2" for storage in black plastic case with zipper and belt loop (included).

75-147...**$17.95**

DUAL HELPING HAND

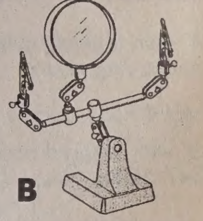


A

Hands hold work pieces firmly in any position to leave hands free. Double-ball joints enable hands adjustments at desired angles, and heavy metal base resists tipping. (fig. A)

(1-5) *(6-Up)*

HH1......................................**$3.99**....**$3.79**



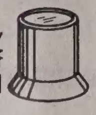
B

Similar to above; but also includes 2-1/2" dia., 2X magnification lens. (fig. B)

(1-5) *(6-Up)*

75-109......................................**$5.75**....**$5.59**

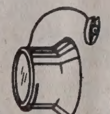
EYE LOUP MAGNIFIER



5X power magnification. Very useful in speeding the job of assembling small parts, and makes close-up inspection a snap.

10-102...**$2.69**

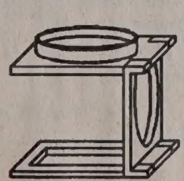
2½X CLIP-ON EYE LOUP



1" dia. glass lens in light weight plastic frame. The padded glasses clip allows easy clip-on with flip-up options. Most useful for close-up inspection.

10-106...**$3.75**

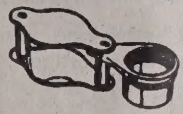
FOLDING MAGNIFYING LENS



Giant sized folding magnifier features a 4" lens, and stands 7" tall open, and only 1-5/8" folded. O.A. dimensions are 6-1/2" x 5-1/4". It is open on the bottom so you can set it on a book or drawing, and has inch and cm scales. Great for maps, model builders, circuit board repair, etc.

386...**$5.95**

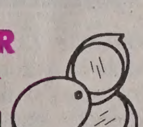
10X POCKET MAGNIFIER



For aid in visual inspection procedures. Provides exceptionally wide angle view and greater magnification than available with standard loupes. 10X power magnification. Double lenses in single frame. Folds into nickel plated case for protection. Comes with case.

H901...**$8.95**

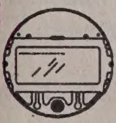
POCKET MAGNIFIER



Two separate lenses, 4X and 5X power magnification, which can be used together to get 9X power magnification. High impact plastic case protects them when not in use.

H903...**$8.95**

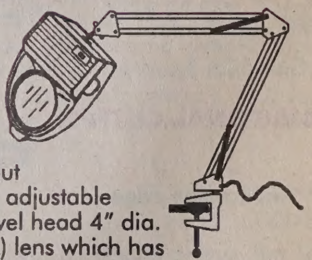
LCD CLOCK MODULE



1-1/8" dia x 1/4" Deep
This 12 hour .3" high LCD clock module uses a 32.768 KHz quartz crystal for a time base. Requires a V392 or equivalent 1.5 VDC battery for power.

80-232..............................pk of 2/**$ .75**

ADJUSTABLE MAGNIFIER LAMP

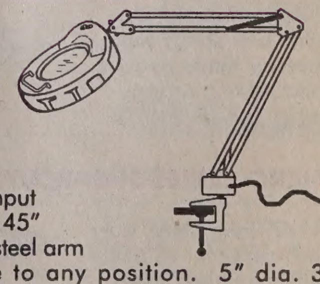


117 VAC input
Features 30" adjustable arm with swivel head 4" dia. 3 diopter (3X) lens which has a calibrated scale in millimeters & inches. Ceramic socket accepts 60 watt bulb max (not included). Comes with mounting bracket.

ML-100.......................................**$24.95**

ADJUSTABLE FLUORESCENT MAGNIFIER LAMP

(UL)



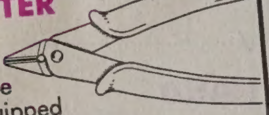
117 VAC input
Extendable 45" enameled steel arm adjustable to any position. 5" dia. 3 diopter (3X) lens. Comes complete with metal clamp and 22 watt circle tube.

ML-200.......................................**$69.95**

DIAMOND-UTICA / XCELITE / CRESCENT

The exceptional strength and performance of these pliers and cutters are the result of forged alloy steel construction, precision machining, and scientific proportioning. Handles are designed to fit the hand comfortably and to provide maximum leverage. Cleanly machined and perfectly aligned jaws grip tightly and surely while easy cutting is assured by hand-honed, mated cutting edges. For extra working comfort all models have permanent plastic coated "Cushion-Grip" handles.

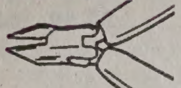
MICRO SERIES SHEARCUTTER



5″ long general purpose flush-cutter equipped with flat spring. Cuts up to .05″ (16 AWG).

(1-5) (6-Up)
170M........................**$4.49...$4.25**

MIDGET SEMI FLUSH CUTTERS

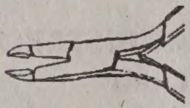


4″ with tapered nose and spring return.

MS545C....................................**$17.49**

5″ with tapered nose and spring return.
S47-5CJS.................................**$17.99**

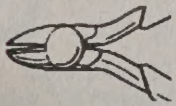
SEMI FLUSH CUTTER



4-1/2″ with tip cutter with spring return.

LC66-5CJ..................................**$22.29**

DIAGONAL CUTTERS



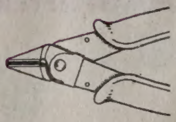
4″ with cutting edge.
54CG...**$13.69**

5″ with cutting edge.
55CG...**$13.99**

6″ with cutting edge.
66CG...**$13.25**

7″ heavy duty with cutting edge.
542-7C......................................**$14.25**

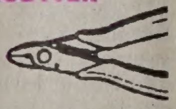
MICRO SERIES SHEARCUTTER



5″ general purpose cutter with safety clip. Superior blade by-pass shear cutting action.

175M...**$7.28**

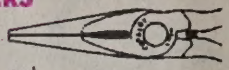
MICRO SERIES SHEARCUTTER



5-1/2″ long heavy duty flush-cutter for IC pins, cables and harnesses. Cuts up to .08″ (12 AWG).

(1-5) (6-Up)
1178M...........................**$8.75...$8.49**

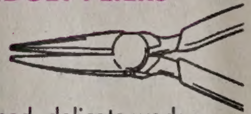
LONG NOSE PLIERS



6″ long nose serrated jaw with side cut.

51CG...**$14.45**

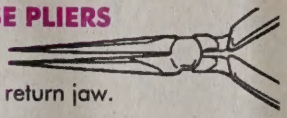
LONG NOSE MIDGET PLIERS



4″ serrated, spring return jaw. Fine point for confined, delicate work.

L4..**$11.99**

NEEDLE NOSE PLIERS



5-1/2″ fine serrated, spring return jaw.

57CG...**$15.25**

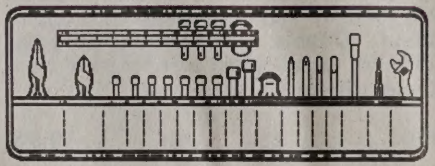
5-1/2″ very fine serrated jaw with alignment pin and spring return.

LN774-5-1/2C...........................**$18.49**

6″ extra long, thin serrated, spring return jaw.

NN777-6C.................................**$15.25**

Xcelite® SERVICE MASTER KIT

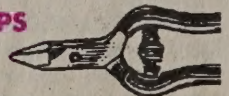


Versatile 23 piece kit of quality Xcelite® tools in a durable canvas roll pouch. Kit includes a 6″ thin-pattern adjustable wrench, regular handle, stubby handle, a set of 9 nutdriver blades (3/16″ to 1/2″), 3 stubby nutdrivers (1/4″, 5/16″ & 3/8″), 2 Phillips screwdriver blades, 2 slotted screwdriver blades, 1 reamer, a 7″ extension blade, 6″ long nose pliers and 5″ diagonal pliers. Weight 2-3/4 lbs.

99SM.....................................**$119.95**

99SMK.........Roll Pouch Only........**$14.89**

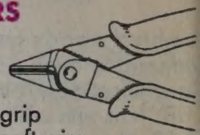
ELECTRONIC SNIPS



6-1/2″ spring return to open, latch to hold closed.

86CG...**$19.29**

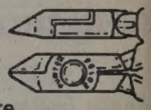
ELECTRONIC SHEARS



Mfg. - XCELITE
5″ Carbon steel flush cutting shears with easy grip blue handles. Flush cut soft wire up to 20 AWG. Features Klip-Grip to prevent flying leads.

97CG...**$4.95**

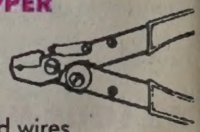
5" DIAGONAL CUTTER



Mfg. - HUNTER, #20186
Semi-flush cutting pliers. Taper nose and tip cutting. For 18 AWG and smaller wire.

(1-5) (6-Up)
54-136...........................**$9.95...$9.49**

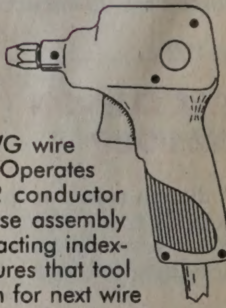
DELUXE WIRE STRIPPER



Mfg. - XCELITE
5-1/2″ adjustable. Cuts and strips all commonly used insulated wires

102S...**$8.59**

WIRE WRAPPING TOOL

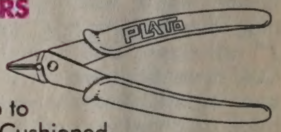


Mfg. - WIRE WRAP (XA2)
Mfg.# - 27300A0
Handles 20-32 AWG wire Lightweight (10 oz) Operates on 120 VAC 8ft 2 conductor cord. Standard nose assembly with positive quick-acting indexing mechanism insures that tool is always in position for next wire insertion. Double insulated with heavy duty housing and high reliabilty ball bearing motor.

54-125.....................................**$99.95**

24-26 AWG wrap bit for above
519070.....................................**$36.99**

PLATO SHEARS

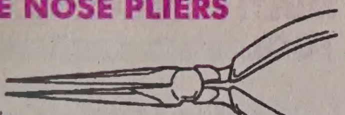


Model 170M
5″ flush-cutter shears. Cuts up to .04″ dia. wire. Cushioned grip handle with spring return.

54-161.......................................**$3.99**

TOOLS

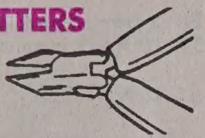
NEEDLE NOSE PLIERS



6" extra thin,
large needle nose.

(1-5) (6-Up)
54-147............................**$4.95**...**$4.45**

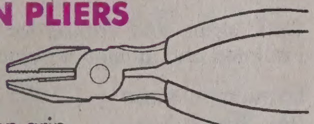
DIAGONAL CUTTERS



4" cushion grip,
with spring return. (1-5) (6-Up)
54-139............................**$4.25**...**$3.75**

7-1/2" cushion grip. (1-5) (6-Up)
54-140............................**$4.95**...**$4.45**

LINEMAN PLIERS



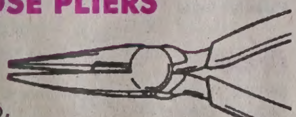
6-1/2" cushion grip,
serrated tip, semi-flush cutters.

54-145.......................................**$3.49**

8-1/2" cushion grip,
serrated tip, semi-flush cutters.

54-146.......................................**$4.95**

LONG NOSE PLIERS



5" cushion grip,
spring return, serrated
tip, semi-flush cutters.

54-141.......................................**$3.45**

6-1/2" cushion grip,
serrated tip, semi-flush cutters.

54-142.......................................**$3.49**

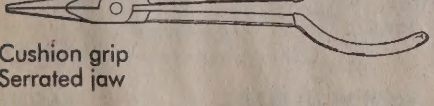
7-1/2" cushion grip,
serrated tip, semi-flush cutters.

54-143.......................................**$3.99**

8-1/2" cushion grip,
serrated tip, semi-flush cutters.

54-144.......................................**$3.99**

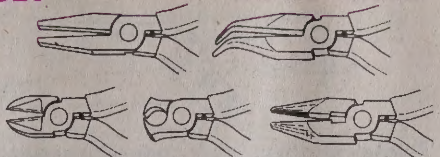
11" LONG NOSE PLIERS



Cushion grip
Serrated jaw

54-157.......................................**$6.95**

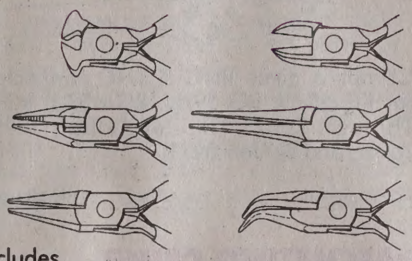
5 PIECE MINIATURE TOOL SET



Includes a 5" flat nose plier, 5" curved nose plier, 5" long nose plier with side cut, 4-1/2" diagonal cutter and 4-1/2" snub nose flush-cutter. All tools feature spring return and cushion-grip handles.

54-153.......................................**$10.95**

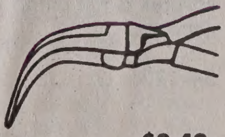
6 PIECE PRECISION PLIER SET



Includes
4" end nipper, 4-1/4" diagonal cutter, 5-3/4" needle nose, 4-3/4" long nose, 4-3/4" flat nose and 4-3/4" bent nose. All tools feature spring return and cushion-grip handles.

54-156.......................................**$11.95**

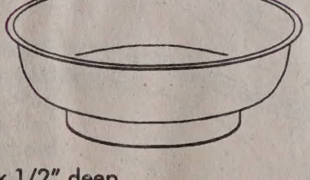
4-1/2" BENT NOSE PLIERS



Features cushioned grip, smooth jaw and a spring return.

54-158.......................................**$2.49**

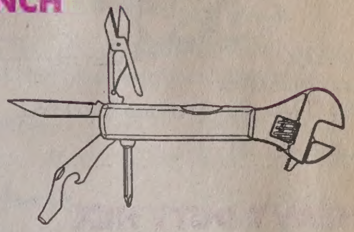
SMALL MAGNETIC PARTS TRAY



6" diameter x 1/2" deep.
Blue steel finish. Attach it on the side of your tool box, underneath your hood, anywhere there is steel. Can be used horizontally, vertically and even upside down. Holds any kind of small iron or steel parts.

54-164.......................................**$4.95**

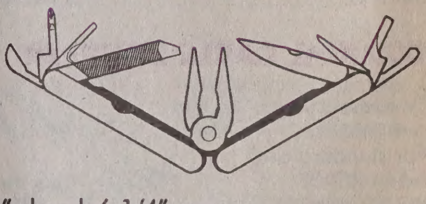
6 FUNCTION ADJUSTABLE WRENCH



4"
Features scissors, cutting blade, flat head screwdriver, bottle opener, Phillips head screwdriver and an open end adjustable wrench. Blister packaged. Comes with case with belt loop.

54-180.......................................**$4.99**

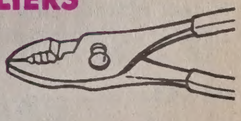
12 IN 1 POCKET TOOL



4" closed, 6-1/4" open
12 function stainless steel pocket tool with case. Includes regular and needle nose pliers, wire cutter, metal/wood file, small, medium and large screwdrivers, Phillips screwdriver, can/bottle opener, punch and knife.

54-167.......................................**$9.95**

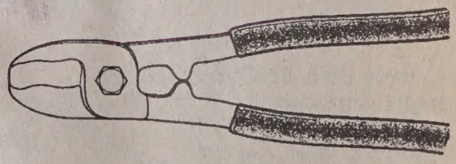
SLIP JOINT PLIERS



8-1/2" cushion grip
Drop forged steel

54-160.......................................**$2.99**

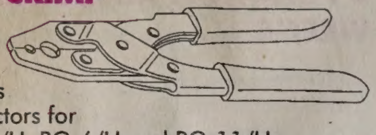
CABLE CUTTER



Mfg. - GARDNER BENDER
Designed to cut copper or aluminum electrical cables. 7-1/2" length for leverage cutting action. Features high strength steel blades and insulated handles. Contoured cutting blades hold cable firmly while cutting.

54-186.............................. *New* **$8.95**

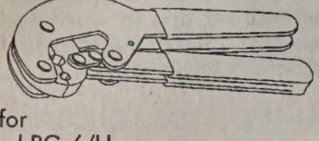
HEX CRIMP



Crimps connectors for RG-59/U, RG-6/U and RG-11/U.

HCT1.. **$3.99**

HEAVY DUTY HEX CRIMP TOOL

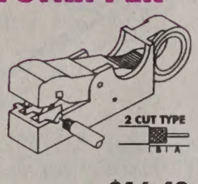


Crimps connectors for RG-59/U and RG-6/U.

54-100.................................... **$14.95**

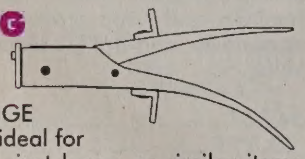
COAXIAL CABLE STRIPPER

Two level cuts in one motion.
For standard and teflon RG-58, RG-59 and RG-62.



54-168.................................... **$16.49**

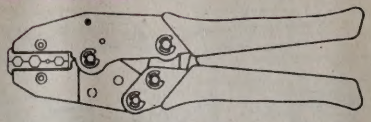
NIBBLING TOOL



Mfg. - PRESTIGE
This cutter is ideal for modifying project boxes or similar items. Nickel plated, cuts up to 18 AWG soft steel, 1/16" aluminum, copper or plastic.

54-148.................................... **$10.99**

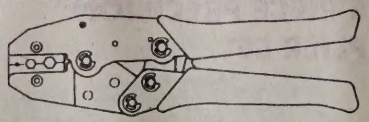
RATCHETING HEX CRIMP TOOL



Ratcheting action holds connector securely while crimping 2 & 3 piece connectors for RG-58/U, RG-59/U, RG-62/U and RG-6/U.

54-152.................................... **$26.95**

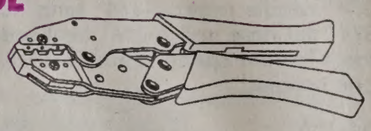
RATCHETING HEX CRIMP TOOL



Crimps 3 piece BNC & TNC connectors for RG-58/U, RG-59/U, RG-62/U, RG58 Thinnet, RG58 Thinnet Teflon, RG58 Teflon and Beldon 8279.

HT230A.................................... **$26.95**

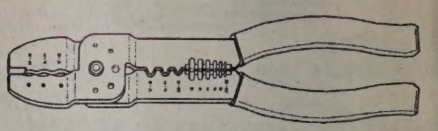
RATCHETING CRIMP TOOL



Crimps insulated solderless terminals for wire gauge 22-10. Ratcheting action ensures a full crimp cycle for positive connections.

54-123.................................... **$18.95**

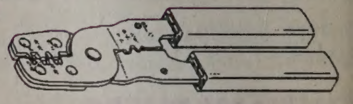
MULTI PURPOSE TOOL



Basic crimp tool for stripping and crimping 22-10 AWG insulated wire and terminals.

54-169.................................... **$1.95**

MULTI PURPOSE TOOL



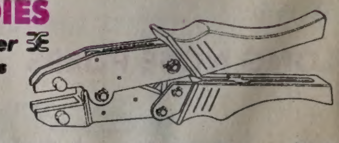
Cuts, strips and crimps for 22-10 AWG insulated and ignition terminals.

Economy - Import
54-110.................................... **$2.49**

Heavy duty - American made
54-109.................................... **$13.95**

1300 SERIES CRIMP TOOL AND DIES

Weidmüller Paladin Tools



New

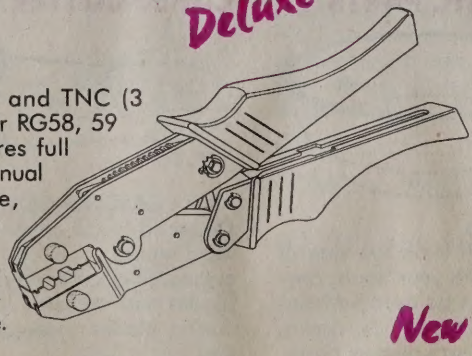
54-1302	**Crimp Tool - Frame Only w/out Dies**	**$34.95**
54-2034	Die Set - RG/U Cable 58, 59, 62A	17.49
54-2039	Die Set - RG/U Cable RG8, 213, 216	17.49
54-2046	Die Set - RG58/174, 50/75 ohm ctr pins	17.49
54-2047	Die Set - RG59/8281, 50/75 ohm ctr pins	17.49
54-2027	Die Set - For AMP BNC/TNC RG58	17.49
54-2028	Die Set - For AMP BNC/TNC RG59/62AU	17.49
54-2303	(2) Die Screws - for PAL 1302-ND	4.99

COAX CRIMPER

Weidmüller Paladin Tools

Deluxe

Crimps both BNC and TNC (3 piece) connectors for RG58, 59 and 62AU. Features full ratcheting cycle, manual ratchet release, adjustable crimp tension and heat-treated hardened steel interchangeable dies for long life.



New

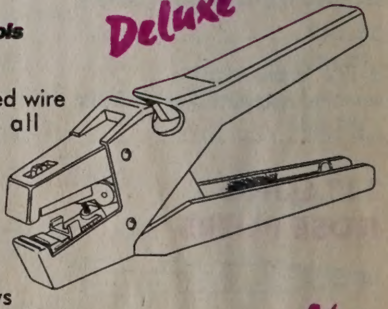
54-1317.........................**TOOL WITH DIE**........................ **$39.95**
54-2034.......................**REPLACEMENT DIE**.................... **$18.85**

STRIPAX WIRE PROFESSIONAL STRIPPER

Weidmüller Paladin Tools

Deluxe

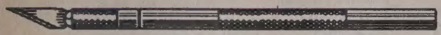
Strips both solid and stranded wire from 28-10 AWG with all grades of PVC insulation. Self adjusting stripping blades designed for precise stripping without damage to the conductors. Built-in cable cutter. Adjustable wire stop. Jaws open automatically.



New

54-1101.......................**TOOL WITH BLADE**..................... **$65.95**
54-2131.....................**REPLACEMENT BLADE**.................. **$28.25**

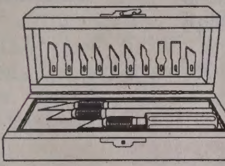
LIGHT DUTY KNIFE



Mfg. - PROEDGE, Pro #1
5" aluminum handle with P#11 blade. Sharp angle for precise cutting.

(1-11) (12-Up)
12010............................**$1.75**....**$1.59**

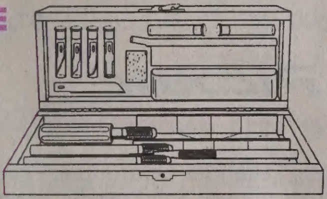
PRECISION KNIFE SET



Mfg. - PROEDGE
This all purpose wood case comes with 1 light duty, 1 medium duty and 1 heavy duty knife handle, and 10 assorted blades.

(1-5) (6-Up)
30820..........................**$12.95**...**$11.95**

DELUXE KNIFE CHEST

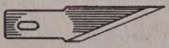


Mfg. - PROEDGE
This all purpose wood case comes with 1 light duty, 1 medium duty and 1 heavy duty knife handle, 17 assorted blades, 4 assorted gouges, 1 razor saw blade, 1 mitre box, 1 jeweler's screwdriver, 1 pinpoint stylus, 1 sander block with sandpaper and wedge.

30860......................................**$19.95**

PROEDGE® BLADES

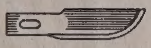
P# 11



Sharp angle for precise cutting. Fits Pro #1 and Pro #3 handles.

01110...........................pack of 5/**$1.25**

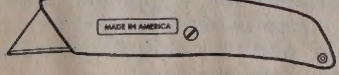
P# 10



Curved for general light cutting and carving. Fits Pro #1 and Pro #3 handles.

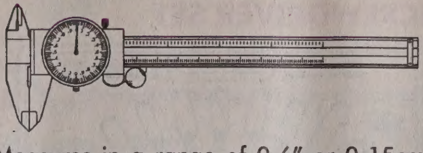
01100...........................pack of 5/**$2.30**

RETRACTABLE UTILITY KNIFE



(1-5) (6-Up)
54-151...........................**$2.49**....**$2.25**

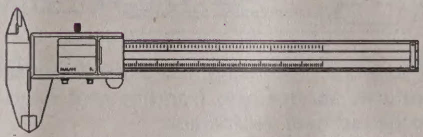
DUAL DIAL CALIPER



Measures in a range of 0-6" or 0-15cm. Measures inside or outside. Stainless steel. Comes with plastic case.

54-176......................................**$29.95**

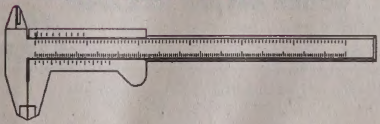
DIGITAL CALIPER LCD



High precision caliper measures in either inches or millimeters from 0 to 6 inches or 0-150mm. Set any point to "0"; measures deviation. Five-digit LCD readout. Stainless steel with precision ground lapped measuring surface and epoxy embedded linear scale to ensure precise measurement. Includes case, battery and manual.

54-185......................................**$75.95**

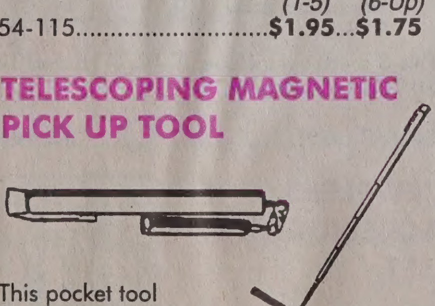
PLASTIC CALIPERS



Measures up to 6" in 1/16" increments, and 150mm in 1mm increments. Includes depth guide. Large numbers make it easy to read.

(1-5) (6-Up)
54-115..........................**$1.95**...**$1.75**

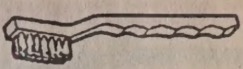
TELESCOPING MAGNETIC PICK UP TOOL



This pocket tool has a pen type clip for shirt pocket storage. It extends out to 18-3/4" and closes down to 4-3/4". The strong magnet is mounted to a ball joint head to allow postioning in any angle.

(1-5) (6-Up)
54-106..........................**$2.99**....**$2.75**

CLEANING BRUSHES

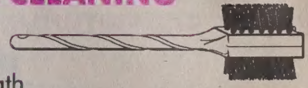


Brush has brass bristles. Perfect for cleaning PC boards and other electronic assemblies.

Plastic handle *(1-24) (25-Up)*
75-106.............................**$ .79**....**$ .65**

Wooden handle *(1-24) (25-Up)*
75-111.............................**$ .79**....**$ .65**

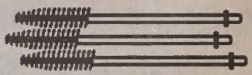
DELUXE CLEANING BRUSH



7" O.A. length
Unique two head design features brass bristles on one side and nylon on the other. The end of the head has two special scraping edges.

75-225..**$1.25**

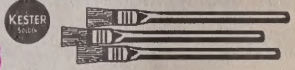
CLEANING BRUSH



4" long x approx 1/4" diameter wide. Tapered cleaning brush has nylon bristles.

(1-5) (6-Up)
80-213..............pack of 3/**$ .29**....**$ .25**

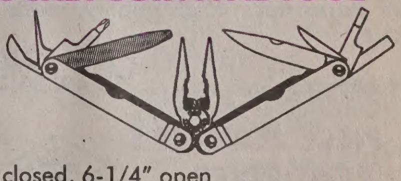
KESTER BRUSHES



6" long Kester brushes can apply flux, paste, paint, grease, glue, ink and sealants.

(1-5) (6-Up)
54-1000............pack of 3/**$ .49**....**$ .35**

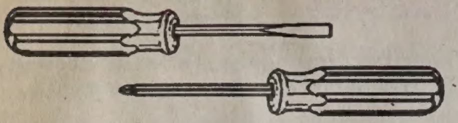
LEATHERMAN®
POCKET SURVIVAL TOOL



4" closed, 6-1/4" open
12 essential tools in one includes regular and needle nose pliers, wire cutters, clip point knife, metal/wood file, 8" ruler, can/bottle opener, small, medium and large screwdrivers, phillips screwdriver and AWL punch. 100% stainless steel with optimum grade hardness for each tool. Weighs only 5 ounces. The highest quality most useful multi purpose tool for its size.

54-163.....................................**$38.95**

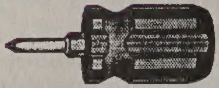
2 PIECE SCREWDRIVER SET



Overall length - 5"
Includes one 1/8" x 3" standard flat blade and one #0 x 3" Phillips. Plastic handles. Complete with pocket clips.

54-173..**$1.49**

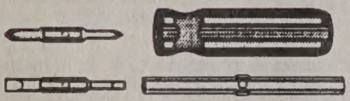
2-IN-1 SCREWDRIVER



Reversible bit with standard Phillips on one end and a 5/16" slotted tip, 2" handle. High quality, made in U.S.A.

(1-5) (6-Up)
54-137.............................**$2.49..$2.25**

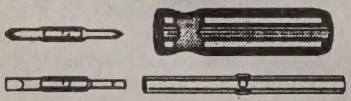
4-IN-1 SCREWDRIVER



1/4" and 3/16" slotted tips.
#1 and #2 Phillips type.
5/16" nutdriver. 4" handle self stores tips. High quality, made in U.S.A.

(1-5) (6-Up)
54-103.............................**$5.49..$5.15**

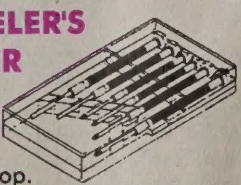
6-IN-1 SCREWDRIVER



1/4" and 5/16" slotted tips
#1 and #2 Phillips type
5/16" and 1/4" nutdriver. 4-1/4" handle self stores tips. High quality, made in U.S.A.

(1-5) (6-Up)
54-138.............................**$6.49..$6.15**

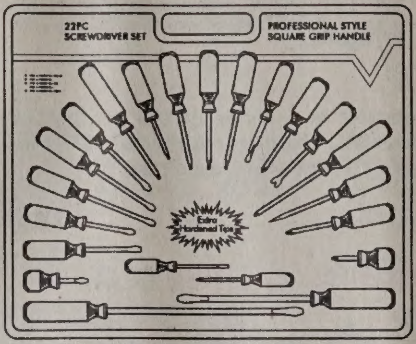
6 PIECE JEWELER'S SCREWDRIVER SET



Features a knurled handle with swivel top.
Set includes 4 slotted screwdrivers (1.0mm, 1.2mm, 1.8mm & 2.4mm) and 2 Phillips-type (#0 & #1) in a plastic case.

(1-11) (12-Up)
54-120............................**$1.95..$1.75**

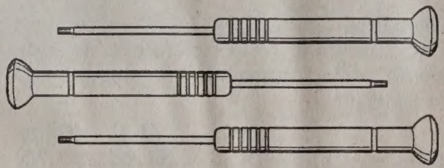
22 PIECE MAGNETIC SCREWDRIVER SET



Deluxe 22 piece magnetic screwdriver set features square grip handles and extra-hardened heat treated tips.
Includes:

Straight blade: 9 x 250mm, 6 x 38mm (stubby), 4 x 100mm, 5 x 100mm, 5 x 150mm and 3.2 x 75mm.
Straight blade with hex bolster: 6 x 150mm, 6 x 100mm and 8 x 200mm.
Straight blade with screw holder: 4 x 100mm.
Phillips: 5 x 75mm(#1), 6 x 38mm (#2 stubby), 3.2 x 75mm(#0).
Phillips with hex bolster: 7 x 150mm(#3 stubby) and 6 x 100mm(#2).
Torx: T-10, T-15, T-20, T-25 and T-30.
Plus a ***Scratch Awl*** and ***Tack Puller***.

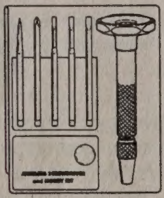
54-166...................................**$12.95**



This 3 piece set includes T-10, T-15 and T-20 Torx screwdrivers.

54-172.....................................**$2.49**

JEWELERS SCREWDRIVER SET

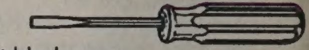


Mfg. - GENERAL
Deluxe screwdriver with swivel head and screw chuck. Set contains 3 straight blades, 1 crosspoint and 1 awl & handle. All contained in a fitted vinyl carrying case.

54-179.....................................**$5.99**

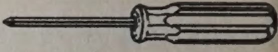
Xcelite® 2" SCREWDRIVERS

Overall length - 4-1/4"
Complete with pocket clip.



1/8" x 2"
Standard flat blade

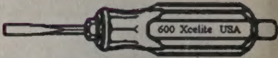
(1-11) (12-Up)
R-181............................**$1.99...$1.75**



#0 x 2"
Phillips

(1-11) (12-Up)
P-12S............................**$2.29...$1.99**

Xcelite® 4-WAY POCKET TOOL



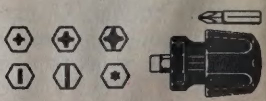
Double-sided handle serves both as two size nutdriver (7/16" & 1/4") and screwdriver. Special blade fits both slotted or Phillips head.

(1-5) (6-Up)
600................................**$7.89..$7.59**

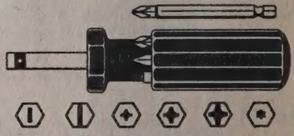
Picquic®

6-IN-1 SCREWDRIVER

Mfg. Lifetime Guarantee. High impact, high torque. Solid plastic handle. Storing bit in handle automatically ejects next bit selection. Includes: Phillips #1, 2 & 3; Slotted 1/4", 3/16" & T-15.

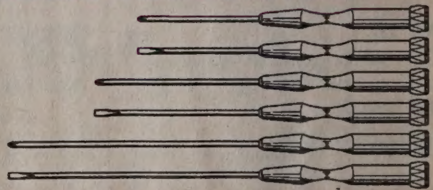


2-1/4" handle
54-121.....................................**$10.45**



4" handle
54-122.....................................**$13.99**

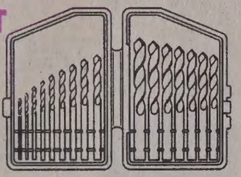
MICRO SCREWDRIVERS



Precision set for fine work of instrumentation or electronic equipment. Features color coded swivel tops. Set includes 3 slotted and 3 phillips screwdrivers (2.5mm, 3mm and 4mm).

54-159...**$4.95**

HIGH SPEED STEEL DRILL BIT SET

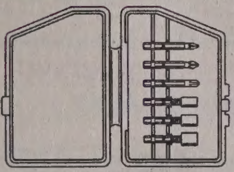


Mfg. - BLACK & DECKER
Set contains 17 bits: 1/16″, 5/64″, 3/32″, 7/64″, 1/8″, 9/64″, 5/32″, 11/64″, 3/16″, 13/64″, 7/32″, 15/64″, 1/4″, 5/16″, 3/8″, 7/16″ and 1/2″ fitted in a convenient pocket size storage case. For all drills and drill presses. Easily resharpened.

54-182....................................**$14.95**

POWER SCREWDRIVER BIT SET

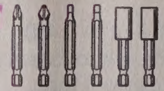
Scorpion
Anti-Slip Screwdriver Bits



Mfg. - BLACK & DECKER
Set contains #1, #2 & #3 Phillips and #8, #10 & #12 slotted bits. Anti-Slip design helps keep bit in screw for maximum driving power. 1/4″ universal shank fits all brands of cordless screwdrivers and cordless drills.

54-181......................................**$4.95**

6 PIECE SCREWDRIVER BIT ASSORTMENT



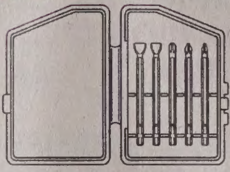
Convert your drill into a power screwdriver

Mfg. - BLACK & DECKER
Set contains #1 & #2 Phillips, 1X & 2X square recess and two slotted bits with finder, one for #6-#8 screws and one for #8-#10 screws.

54-183......................................**$2.95**

POWER SCREWDRIVER BIT SET

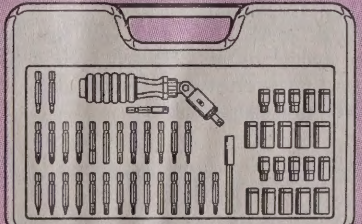
Scorpion
Anti-Slip Screwdriver Bits



Mfg. - BLACK & DECKER
3-1/2″ long, 1/4″ universal hex shank. Set contains #1, #2 & #3 Phillips and #8 & #10 slotted bits in a pocket size carrying case. EXTRA long - for driving in hard to reach places and setting deeply recessed screws.

54-184......................................**$4.95**

53 PIECE POWER BIT SET AND RATCHET SCREWDRIVER



Reversing ratcheting screwdriver with pivot head and special ribbed grip design. Parts below are identified in a fitted carry case. Power bits and sockets are constructed of chrome vanadium steel. All power bits fit in power drills and screwdrivers.

Set contains:

⊖ 5/32″, 3/16″, 1/4″, 9/32″ **Slotted bits**

⊕ #0, #1, #2, #3 **Phillips bits**

⬡ 1/8″, 5/32″, 3/16″, 7/32″, 1/4″ **Hex bits**
2, 3, 4, 5, 6mm **Metric bits**

✪ T10, T15, T20, T25, T27, T30, T40, T45 **Star bits**

○ 20 - 1/4″ drive sockets
SAE - 5/32″, 3/16″, 7/32″, 1/4″, 9/32″, 5/16″, 11/32″, 3/8″, 7/16″, 1/2″
METRIC - 4, 5, 6, 7, 8, 9, 10, 11, 12, 13mm

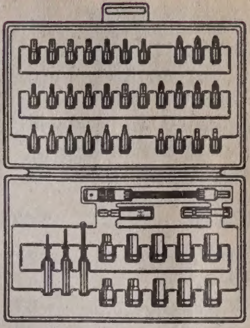
▢ S1, S2, S3 **Square bits**

○○ 1 - Hex to 1/4″ drive

🧲 1 - 4″ Magnetic extension

54-178...**$19.95**

47 PIECE SCREWDRIVING SET



Mfg. - BLACK & DECKER
For use in power drills and cordless screwdrivers. Heavy duty steel bits come encased in a handy storage/carrying case.

Set contains following bit tips:

🧲 *Magnetic Holder*

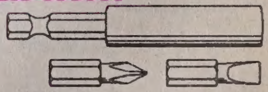
⊕ *4 - Phillips*	⊖ *6 - Slotted*
✪ *7 - Star*	⊕ *3 - Pozidrive*
⬡ *7 - Allen (Hex)*	▢ *4 - Square Recess*

Also includes:

- *3 - Hex Shank Drill Bits*
- *5 - Metric Sockets*
- *5 - Fractional Sockets & Socket Adapter*
- *Flexible Bit Tip Holder to drive screws in hard to reach places.*

54-177....................................**$16.95**

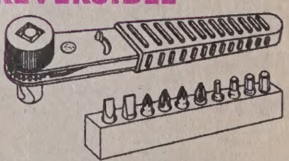
BIT HOLDER WITH TWO BITS



Holds bits and other 1/4″ hex accessories. Holder is 2-3/8″ long, comes with #1 phillips and 3/16″ flat head.

80-262..**$ .99**

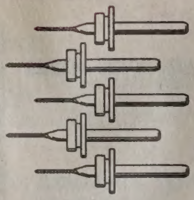
11 PIECE REVERSIBLE RATCHET SET



4-1/2″ long
This offset reversible ratchet screwdriver set features hardened steel mechanism with a cushion handle, 10 bits (1″ long); 2 straight blade, 4 Phillips, 4 hex and an easy to reach flip lever to reverse tool action. It also includes a labeled carrying rack which firmly holds and stores bits.

54-165......................................**$4.95**

CARBIDE DRILL BITS

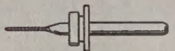


1-1/2" long, 1/8" shank, 3/8" fluted plastic collar. High speed bits are designed for use with printed circuit boards. "Resharps."

Part#	*AWG*	*Size*
80-243	#65	.034"
80-244	#61	.039"
80-245	#57	.043"
80-246	#55	.052"
80-247	#53	.058"
80-248	#52	.064"
80-249	#50	.070"
80-250	#49	.072"
80-251	5/64"	.078"
80-252	#44	.085"
80-253	#41	.097"
80-254	#23	.154"
80-255	#1	.200"

Pack of 5 any one size.................**$3.25**

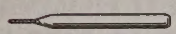
CARBIDE DRILL BIT ASSORTMENT



1-1/2" long, 1/8" shank, 3/8" fluted collar. 10 assorted sizes.

80-241..........................pk of 10/**$4.95**

CARBIDE DRILL BITS

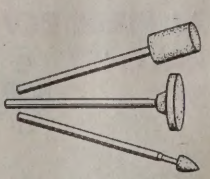


1" long with a 1/8" shank. "Resharps."

Part#	*AWG*	*Size*
80-186	#80	.012"
80-187	#73	.024"
80-194	#56	.045"
80-192	#55	.052"

Pack of 5 any one size..................**$3.25**

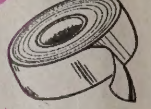
15 PIECE GRINDING STONE ASSORTMENT



A variation of pink and blue compressed aluminum oxide and green carborundum stones. Applications range from shaping, adjusting, slight polishing and finshing of chrome, cobolt, plastics, wood, aluminum, semi and precious stones, porcelain and more. 1/8" diameter shank.

80-264.................................1pk/**$6.99**

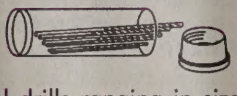
EXTRA WIDE EXTRA LONG ELECTRICAL TAPE



1-1/4" X 144ft
Premium black flame retardent, weather resistant tape.

28-161..**$1.25**

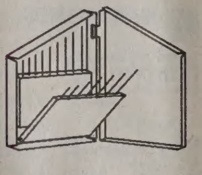
6 ASSORTED DRILL BITS



Mfg. - PROEDGE
6 high quality steel drills ranging in size from 52 to 67 in a convenient storage tube.

58001..**$6.95**

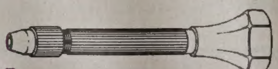
CARBON STEEL DRILL



High quality import. 20 piece drill assortment includes sizes from 61 to 80 (.013" to .039). Complete with metal case marked with all the drill sizes and a mandrel to adapt any of the smaller bits to a standard 1/8" shank.

54-175..**$9.95**

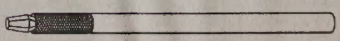
PIN VISE



Mfg. - PROEDGE
3-5/8" long. All metal with flat, hexagonal swivel head. Comes with 4 different sized interchangeable chucks. Firmly holds any size drill bits.

58111..**$5.95**

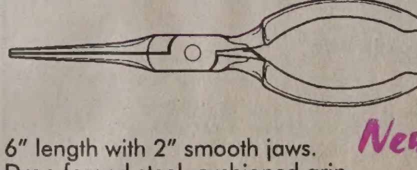
1/8" MANDREL



4-5/8" long aluminum vise for any standard 1/8" shank.

80-268..**$1.99**

NEEDLE NOSE PLIER

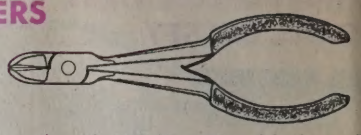


New

6" length with 2" smooth jaws. Drop forged steel, cushioned grip.

91-362..**$4.95**

DIAGONAL CUTTERS

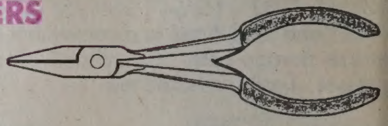


5-3/4" length with 7/16" cutting blades. Drop forged steel, cushioned grip.

New

54-188..**$4.25**

DUCK BILL PLIERS

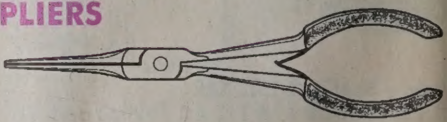


6-1/8" length with 1-1/16" smooth jaw. Drop forged steel, cushioned grip. Ideal for bending, shaping, forming and adjusting.

New

54-187..**$3.99**

NEEDLE NOSE PLIERS

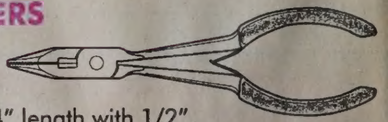


7-3/8" length with 2-1/8" smooth jaws. Drop forged steel, cushioned grip.

New

54-189..**$5.95**

LONG NOSE PLIERS

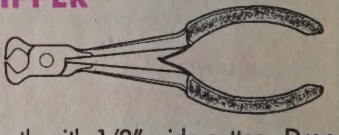


6-1/4" length with 1/2" serrated jaw and 1/4" side cutter. Drop forged steel, cushioned grip.

New

54-190..**$3.99**

END NIPPER

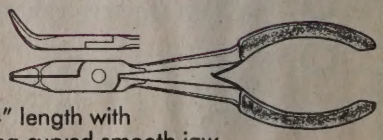


5-1/2" length with 1/2" wide cutter. Drop forged, cushioned grip.

New

54-191..**$3.99**

CURVED NOSE PLIERS

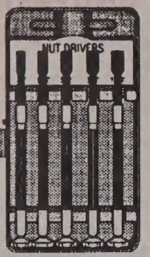


6-1/4" length with 1" long curved smooth jaw.

New

54-192..**$3.99**

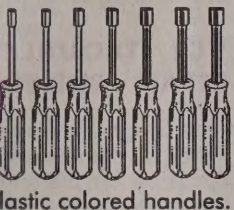
5 PIECE MINIATURE NUT DRIVER SET



Sizes include: 1/8", 9/64", 5/32", 3/16" and 13/64". Comes with plastic carrying case.

54-174..**$1.99**

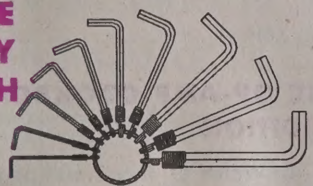
NUT DRIVER SET



Seven piece set contains 3/16", 1/4", 5/16", 11/32", 3/8", 7/16" & 1/2" with plastic colored handles. OA length 5-1/2"

(1-5) *(6-Up)*
54-126.............................**$3.49**..**$3.15**

10 PIECE HEX KEY WRENCH SETS



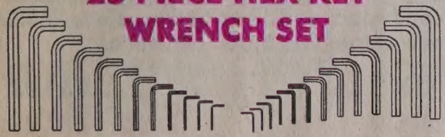
Standard hex key wrench set includes: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" and 3/8" wrenches.

(1-9) *(10-Up)*
54-154.............................**$4.49**..**$3.99**

Metric hex key wrench set includes: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8 and 10mm wrenches.

(1-9) *(10-Up)*
54-155.............................**$4.49**..**$3.99**

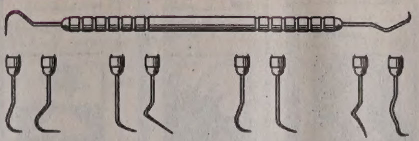
25 PIECE HEX KEY WRENCH SET



This heavy duty set comes in a convenient roll pouch. Standard SAE series include 3/8", 1/4", 3/16", 5/32", 9/64", 1/8", 7/64", 3/32", 5/64", 1/16", .05" and .035" in long arm style. Metric series include 1.27mm, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 8mm and 10mm in short arm style.

54-162......................................**$5.95**

MICROPROBE SET

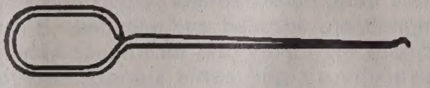


4 double ended probes about 6" long. Stainless steel

(1-5) *(6-Up)*
MPS...............................**$4.99**....**$4.75**

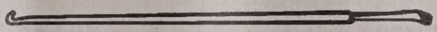
SPRING HOOKS

Pull Ring, Stainless steel
8-3/8" long - 1" dia ring



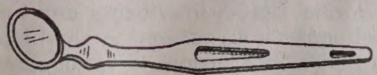
54-111..**$1.75**

Stainless steel
Double Ended (Pull Lifter)
7-1/4" long



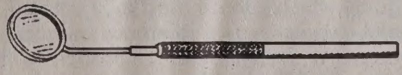
(1-5) *(6-Up)*
54-112..........................**$2.49**....**$2.25**

POCKET INSPECTION MIRRORS



1" diameter mirror with a 5" plastic handle. A super aid for easy inspection of hard to see areas, and close inspection of VCR heads. Made in U.S.A.

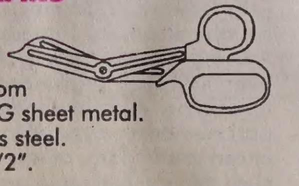
MIR-3...**$ .75**



This high quality 7/8" diameter mirror has a 6" stainless steel handle with a center serrated area for sure gripping. Ideal for hard to see areas.

MIR-6...**$3.49**

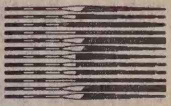
SUPER SHEARS



Heavy duty scissors that will cut everything from paper to 18 AWG sheet metal. Made of stainless steel. O.A. length 7-1/2".

USPC...**$2.49**

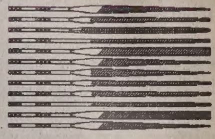
MINI 12 PIECE NEEDLE FILE SET



12 piece assortment of 4" sub-mini files in a plastic pouch. Use by hand or lock in a vise. Precision made for wood, metal, or plastic.

(1-5) *(6-Up)*
54-124...........................**$3.95**....**$3.69**

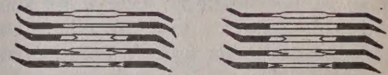
12 PIECE NEEDLE FILE SET



12 piece assortment of 5-1/2" files in a plastic pouch. Use by hand or lock in a vise. Precision made for wood, metal, or plastic.

(1-5) *(6-Up)*
54-104...........................**$3.95**....**$3.69**

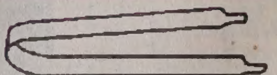
10 PIECE RIFLER FILE SET



10 piece assortment of 5-1/2" double ended files in a plastic pouch. Precision made for wood, metal, or plastic.

(1-5) *(6-Up)*
54-114...........................**$3.95**....**$3.69**

IC EXTRACTION TOOL

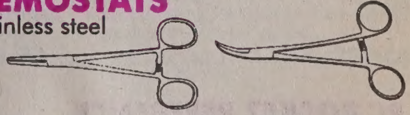


Ideal for removing all types of IC's without bending pins. 8-1/2" long.

(1-5) *(6-Up)*
54-129...........................**$1.49**....**$1.25**

HEMOSTATS

Stainless steel



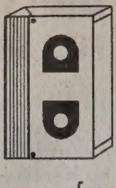
Part#	*Length*	*Type*	*(1-5)*	*(6-Up)*
SF3	3-1/2"	Straight	$1.99	$1.75
CF3	3-1/2"	Curved	1.99	1.75
SF5	5"	Straight	1.99	1.75
CF5	5"	Curved	1.99	1.75
SF6	6"	Straight	2.49	2.25
CF6	6"	Curved	2.49	2.25
SF7	7-1/2"	Straight	7.99	7.49
SF9	9-1/2"	Straight	9.99	9.25

HEMOSTAT KIT

Kit contains one of each of the following: 3-1/2" straight, 3-1/2" curved, 5" straight & 5" curved.

HK...**$5.99**

UCANDO EDUCATIONAL VIDEOS



TELEVISION

Part 1: "Intro to TV" for novice or professional. Study the 35 stages common to color receivers. Covers: Tuner & detector stages, luminance & color stages, CRT, Snyc and more.

VT404.............56 Minutes............**$29.95**

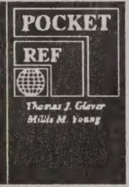
Part 2: "The front end"; In depth look at the UHF/VHF tuning sections, automatic fine tuning stage and the remote control section. An excellent reference tool for the professional tech yet simple enough for a novice.

VT405.............58 Minutes............**$29.95**

Part 3: "Audio"; In-depth look at the audio sections, IF detector and amplifiers sections, sound detector and TV stereo circuitry. A must for the serious technician.

VT406.............57 Minutes............**$29.95**

POCKET REFERENCE



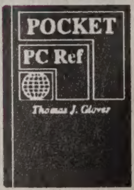
—Sequoia Publishing
...544 pages

Size: 5-3/8" x 3-1/4"

A reference book of maps, tables, charts, specifications, formulas, constants and conversions. Covers electrical, auto, chemistry, math, physics, wire, tools, water, air plumbing, surveying, metals, paints,solvents, carpentry, hardware, an 800 phone directory for airlines and lost credit cards, and much more.

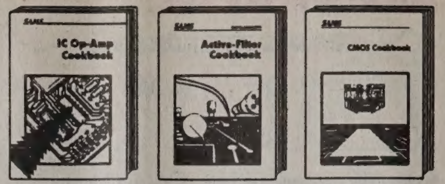
65-102.......................................**$9.95**

PC POCKET REFERENCE



—Sequoia Publishing
...544 pages
Size: 5-3/8" x 3-1/4"
A reference book of hard to find info on PC & compatible computers.Contains DOS command references through 6.0 error codes, I/O pin outs, ASCII codes, scan codes, video standards, printer control codes, hard drive specifications, memory map & PC industry phone book. A tremendous value.

65-103.......................................**$14.95**



BOOKS ARE NON-RETURNABLE

VIDEO SCRAMBLING AND DESCRAMBLING FOR SATELLITE AND CABLE TV

—by Rudolf Graf & William Sheets
...256 pages
This book helps readers understand how signals are decoded and encoded. It discusses the theory and techniques behind over-the-air and cable signals. Actual descrambling projects are provided. Included are hands-on projects for building a scrambler & descrambler, along with how-to-build a video test generator with scrambling capabilities.

22499.......................................**$24.95**

CMOS COOKBOOK - 2ND EDITION

—by Don Lancaster...528 pages
This edition covers the latest CMOS series of devices and subfamilies. Included are a TTL and CMOS interfacing and functional equivalency conversion chart along with tabular conversions to earlier CMOS versions.

22459.......................................**$24.95**

RF CIRCUIT DESIGN

—by Christopher J. Bowick...176 pages
A guide which can be used as a catalog of useful circuits or as a reference manual. It presents a user-oriented approach to the design of RF amplifiers and impedance matching networks and filters.

21868.......................................**$24.95**

SEMICONDUCTOR CROSS REFERENCE BOOK

SEMICONDUCTOR
CROSS REFERENCE
DATA BOOK
SAMS

—by Howard W. Samms
Fourth edition...671 pages
A comprehensive listing of over 490,000 registered transistor, IC and diode part numbers, cross referenced to standard, off-the-shelf general line replacements.

61080.......................................**$24.95**

UNDERSTANDING TELEPHONE ELECTRONICS - 3RD EDITION

—by John Fike & George Friend/
rev, by Stephen J. Bigelow...320 pages
This guide explores how conventional telephone systems operate and how digital systems replace them. Introduces state of the art speech circuits, dialing, ringing and central office electronics. It dissects modem and digital techniques transmissions; studies microcomputer and cellular phones.

27350.......................................**$24.95**

VCR TROUBLESHOOTING & REPAIR - 2ND EDITION

—by Gregory R. Capelo and
Robert C. Brenner...400 pages
Focusing on preventative maintenance, this guide covers basic electronics principles and how they relate to VCR performance. Topics include stereo (MTS/MCS), Super-VHS, H-VHS and bar code programming.

22749.......................................**$19.95**

IC OP-AMP COOKBOOK - 3RD EDITION

—by Walter G. Jung...608 pages
This edition offers comprehensive coverage of practical uses of IC op amps, including design approaches and hundreds of working examples.

22453.......................................**$24.95**

MODERN DICTIONARY OF ELECTRONICS - 6TH EDITION

—by Rudolf Graf...1,152 pages
This revised dictionary defines more than 23,000 technical terms on computers, microelectronics, communications, semiconductors and fiber optics. Over 3,500 new entries and 5,000 definitions.

22041.......................................**$39.95**

TRANSFORMERS AND MOTORS

—by George P. Schultz...376 pages
An in-depth technical reference providing detailed information for equipment installation, maintenance and repair. Included are troubleshooting and replacement guidelines; also a minimum of theory and math.

30131.......................................**$29.95**

UCANDO
EDUCATIONAL VIDEOS

UCANDO
Success

OPENED TAPES ARE NON-RETURNABLE

VCR REPAIR

This video is designed for the serious technician. Using block diagrams, follow the signal through the various circuits found in the VHS system.
Subjects covered...
1. Troubleshooting
2. Audio and video signals
3. Control signals
4. Replacing the video drum

VT102....84 Minutes....**$29.95**

VCR MAINTENANCE

This video is for the typical VCR owner. Learn about the parts found in the tape path. It is not technical, but will save you money.
Subjects covered...
1. Cleaning the tape path
2. Replacing belts
3. Parts in the tape path
4. The tools required

VT103....32 Minutes....**$24.95**

PART 1 DC

For the beginner or the experienced "PRO", this video is a must. Regardless of whether you need to learn the basics, or simply refresh yourself, this video will improve your understanding.
Comes with workbook.
Subjects covered...
1. Series circuits
2. Parallel circuits
3. OHM's Law
4. How to use the DMM

VT201....55 Minutes....**$29.95**

PART 2 AC

Your knowledge of electronics will be enhanced when you learn about coils, capacitors, transformers and the sine wave. Learn about average, peak, effective and peak-to-peak readings.
Comes with workbook.
Subjects covered...
1. The sine wave
2. Coils
3. Capacitors
4. Transformers

VT202....62 Minutes....**$29.95**

SEMICONDUCTORS

This video gives you an exciting introduction into the world of semiconductors. Learn about 15 of the most common devices used in today's equipment.
Comes with workbook.
Subjects covered...
1. Semiconductor theory
2. Common diodes
3. Common transistors
4. Switching devices

VT203....57 Minutes....**$29.95**

POWER SUPPLIES

The power supply can create many problems in a piece of equipment. This video will show you how to isolate and trouble-shoot problems within the power supply system.
Comes with workbook.
Subjects covered...
1. Rectifier circuits
2. Filter circuits
3. Regulator circuits
4. Troubleshooting

VT204....56 Minutes....**$29.95**

AMPLIFIERS

Increase your understanding of amplifier circuits. Learn about the different classes of amplifiers and see why the op-amp is so widely used in modern circuits. Comes with workbook.
Subjects covered...
1. Amplifier basics
2. Class A
3. Class B
4. Class C
5. Operational Amplifiers

VT205....57 Minutes....**$29.95**

OSCILLATORS

As they are used in both analog and digital systems, it is important to understand how oscillators work. You'll be amazed at how fast you learn basic operating principles.
Comes with workbook.
Subjects covered...
1. Resonant tank circuits
2. LC oscillators
3. RC oscillators
4. Crystal oscillators
5. Crystal ovens

VT206....56 Minutes....**$29.95**

DIGITAL 1

Begin with learning about 7 of the most common gates used in building digital circuits. Then study binary math where you learn to multiply, divide, add and subtract. Comes with workbook.
Subjects covered...
1. Digital basics
2. Basic gates
3. Binary notation
4. Binary math
5. Decimal notation

VT301....54 Minutes....**$29.95**

DIGITAL 2

Learn the octal & hexadecimal numbering systems and the RS, D, JK, Edge Triggered and Master-slave flip-flops. You will also learn about basic counter circuits and see how they work.
Comes with workbook.
Subjects covered...
1. Octal notation
2. Hexadecimal notation
3. Flip-flops
4. Counter circuits

VT302....55 Minutes....**$29.95**

DIGITAL 3

Learn about 1's & 2's complement then proceed into registers, multiplexers, demultiplexers, decoder drivers and common display devices like the 7-segment and dot matrix displays.
Comes with workbook.
Subjects covered...
1. Complement numbers
2. Multiplexers
3. Registers
4. Decoder drivers
5. Common displays

VT303....56 Minutes....**$29.95**

DIGITAL 4

Learn how the computer communicates with the "real world" through digital-to-analog & analog-to-digital converter circuits. This video is a must for the serious technician.
Comes with workbook.
Subjects covered...
1. R-2R DAC circuits
2. Binary weighted numbers
3. Slope circuits
4. S/A & flash circuits

VT304....57 Minutes....**$29.95**

DIGITAL 5: MEMORY DEVICES

This video gives you an exciting introduction into the technologies used in today's most common memory devices. You will increase your understanding of digital circuits. Comes with workbook.
Subjects covered...
1. ROM, PROM
2. EPROM, EEPROM
3. SRAM, DRAM
4. Magnetic bubble IC's

VT305....56 Minutes....**$29.95**

DIGITAL 6: THE CPU

This exciting video makes learning about the Central Processing Unit and the Input-Output devices found in today's common computers easy to understand. You learn how the microprocessor performs its many tasks.
Comes with workbook.
Subjects covered...
1. CPU theory
2. Input circuits
3. Output circuits

VT306....56 Minutes....**$29.95**

AM RADIO

Discover Motorola's AM Stereo system... C-QUAM (Reg. T.M.) You'll learn how the signal is encoded, decoded and where the signal is separated into L & R channels.
Comes with workbook.
Subjects covered...
1. Major stages of AM
2. Signal conversion
3. Signal detection
4. Audio reproduction

VT401....61 Minutes....**$29.95**

FM RADIO PART 1

This exciting video is the first of a two-part series designed to teach the basics of FM radio technology. By watching this informative video, you will experience how fun and easy learning FM technology can be.
Comes with workbook.
Subjects covered...
1. Bandwidths
2. RF amplifier, mixer-oscillator
3. IF amplifier, limiter
4. FM detector

VT402....58 Minutes....**$29.95**

FM RADIO PART 2

FM Part 2 continues your study of FM technology. This video begins with the output of the detector stage and proceeds into the 19 kHz amp. You'll be amazed how quickly and easily you learn. Comes with workbook.
Subjects covered...
1. Frequency doubler
2. Stereo demultiplexer
3. Audio amplifier stages
4. Digital data encoding and decoding

VT403....58 Minutes....**$29.95**

LASER TECHNOLOGY

This video will teach you how photon energy is produced and controlled. You will also learn how lasers are used for retrieving information from compact discs and scanning devices.
Four common laser devices covered:
1. The ruby rod
2. HeNe
3. CO_2
4. Semiconductor lasers

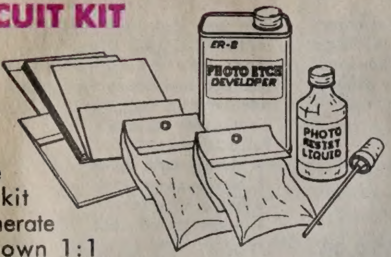
VT502....57 Minutes....**$29.95**

FIBER OPTICS

Fiber optics has changed the way we communicate and will continue to change the way we live and think in the future. You can be a part of making it happen. Comes with workbook.
Subjects covered...
1. Basic fundamentals
2. Cable design
3. Connectors, couplers
4. Splicing

VT501....58 Minutes....**$29.95**

PHOTO ETCH PRINTED CIRCUIT KIT



Use this kit to generate your own 1:1 artwork from a magazine, dot matrix or laser printer. Kit includes: 5″ x 6″ steel printing frame with glass & backboard, Pos-Neg® yellow filter, 4 sheets photocopy film, 1 pint each of film developer and fixer, 4 oz negative photo resist liquid, 8 oz resist developer, 5″ x 6″ & 3″ x 4-1/2″ copper clad circuit boards, 1/4 lb anhydrous ferric chloride, 2 sheets polyester drafting film, 1 roll each 1/16″ & 1/32″ PC tape, 8 sheets dry transfer direct PC patterns including donut pads, lines, jogs, DIP & round can IC's, transistors, edge card connectors, and 12 page instruction book. All necessary materials except the light source (ER19) are included.

ER-4..**$36.70**

ER-4 REFILLS AND ACCESSORIES

DIRECT ETCH

Set contains 8 sheets of assorted patterns and 2 rolls, one each of 1/16″ and 1/32″ etch resist tape. Patterns and tapes can be used either as a direct etch resist or as original artwork on drafting tape.

ER-2..**$8.25**

DRY CONCENTRATED ETCHANT

1/4 lb of anhydrous ferric chloride.
Makes 1 pint.

ER-3..**$3.49**

POS-NEG FILM

This polyester base film is dimensionally stable and is capable of making a negative or positive from either opaque or translucent artwork in one step.

ER-5........Six sheets 5″ x 6″............**$7.90**
ER-9........Two sheets 8″ x 11″........**$7.90**

DEVELOPER, FIXER FOR POS-NEG FILM

Handles up to 15 sheets of 5″ x 6″.
Makes 1 pint.

ER-6..**$4.69**

PHOTO RESIST DEVELOPER

A solvent blend that will develop ER-11 and other negative acting photo resists. 16 oz.

ER-8..**$4.89**

CONTACT PRINTING EXPOSURE FRAME

9″ x 12″ print frame comes with glass, backboard, yellow Pos-Neg filter and instructions.

ER-10......................................**$14.70**

NEGATIVE PHOTO RESIST

A liquid cinnimate resist in a 4 oz bottle with pump sprayer. The coated board is exposed to UV through a negative of the circuit pattern, then developed in ER-8 liquid. (One bottle coats 1700 square inches.)

ER-71......................................**$7.95**

COPPER CLAD CIRCUIT BOARDS

Set contains one 5″ x 6″ and one 3″ x 4-1/2″ (copper clad one side). 1/16″ phenolic board.

ER-11......................................**$4.89**

POWER ETCH PUMP

Air pump with 2ft. distributor tube.
Speeds etching process. 120 VAC.

ER-12......................................**$9.25**

DIRECT ETCH

Contains 4 identical sheets of donuts.
(All ID = .017″, OD = .08″, .125″, .188″ & .25″ dia.)

ER-13......................................**$4.20**

DIRECT ETCH

Contains 4 identical sheets of DIP, flatpack and SO pads.

ER-14......................................**$4.20**

PHOTO ETCH LIGHT BULB

Set contains 3200°K and long wave UV incandescent bulbs.

ER-19......................................**$16.39**

Ultraviolet bulb only
ER-29......................................**$9.95**

DIRECT ETCH RESIST PEN

This pen is filled with a lacquer ink that is impervious to aqueous PC etch solutions. Ideal for photo resist pattern touch-up or for direct etched boards with tight spaces.

ER-15......................................**$1.90**

YELLOW POS-NEG FILTER

Needed for all Pos-Neg exposure work.
8-1/2″ x 11-1/2″

ER-17......................................**$2.99**

TINNIT ELECTROLESS BRIGHT TIN PLATE

Designed to plate bare copper circuit boards to enhance solderability.

ER-18...........1 pint.......................**$4.90**
ER181..........1/2 gallon..............**$17.85**

DATAKOAT

Brush-on Coating Kit

04176......1 oz Coating, 1 oz Thinner......**$3.75**
04177......Clear Spray, 12 oz Aerosol......**6.45**
04178......Matte Spray, 12 oz Aerosol......**6.45**

UV OPAQUE EPROM LABELS

1.1″ x .46″
Accepts ink, pencil, typing and printers vinyl film. Will not fall off or dry out. Protects Eproms from UV rays. Contains 147 labels.

EP-1..**$3.99**

CIRCUIT-FIX KIT

Makes repairs fast and simple. Complete kit contains the spring-loaded clamp and guide, collet knife and cable, 154 assorted copper foil and instruction.

CF-1..**$22.90**

COPPER DONUT REFILL SET

Refill adhesive-backed copper fill donuts.
308 assorted

CF-2..**$3.99**

COPPER FOIL REFILL SET

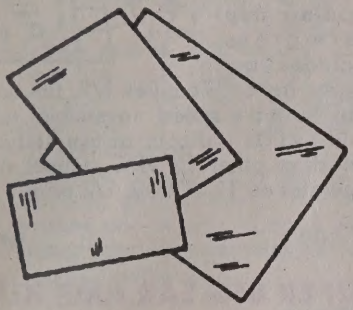
Refill adhesive-backed copper foil.
2 sheets 3.25″ x 10″

CF-3..**$3.99**

NEW SIZES - 12" X 12" & 18" X 18" NOW IN STOCK!

COPPER CLAD PC BOARDS

Mfg. - INJECTORALL
Uncoated copper clad boards made from first quality mil-spec FR4 material.



1/16" Thick, Single sided, 1 oz.

Part#	Dimensions	Price
42-109	3" x 4-1/2"	$2.51
42-110	4" x 6"	3.93
42-111	6" x 9"	7.53
42-160	12" x 12"	15.99
42-112	12" x 18"	23.75
42-161	18" x 18"	32.95

1/16" Thick, Single sided, 2 oz.

Part#	Dimensions	Price
42-113	3" x 4-1/2"	$2.54
42-114	4" x 6"	4.04
42-115	6" x 9"	8.06
42-162	12" x 12"	18.49
42-116	12" x 18"	26.87
42-163	18" x 18"	35.49

1/16" Thick, Double sided, 1 oz.

Part#	Dimensions	Price
42-117	3" x 4-1/2"	$3.46
42-118	4" x 6"	5.46
42-119	6" x 9"	10.99
42-164	12" x 12"	19.95
42-120	12" x 18"	29.57
42-165	18" x 18"	38.95

1/16" Thick, Double sided, 2 oz.

Part#	Dimensions	Price
42-121	3" x 4-1/2"	$3.79
42-122	4" x 6"	6.04
42-123	6" x 9"	12.24
42-166	12" x 12"	22.95
42-124	12" x 18"	34.56
42-167	18" x 18"	47.95

1/32" Thick, Single sided, 1 oz.

Part#	Dimensions	Price
42-125	3" x 4-1/2"	$1.89
42-126	4" x 6"	3.53
42-127	6" x 9"	6.31
42-168	12" x 12"	12.95
42-128	12" x 18"	18.94
42-169	18" x 18"	24.95

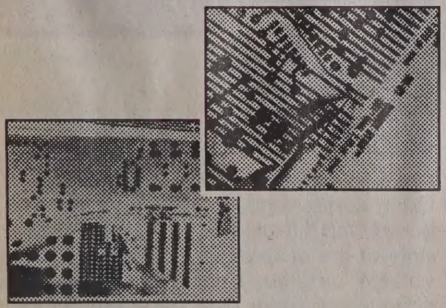
1/32" Thick, Double sided, 1 oz.

Part#	Dimensions	Price
42-129	3" x 4-1/2"	$2.63
42-130	4" x 6"	4.13
42-131	6" x 9"	8.41
42-170	12" x 12"	14.25
42-132	12" x 18"	21.01
42-171	18" x 18"	27.75

1/32" Thick, Double sided, 2 oz.

Part#	Dimensions	Price
42-133	3" x 4-1/2"	$3.79
42-134	4" x 6"	6.04
42-135	6" x 9"	12.24
42-172	12" x 12"	27.49
42-136	12" x 18"	34.56
42-173	18" x 18"	47.95

DIRECT ETCH PRINTED CIRCUIT SET



Make printed circuit boards with no artwork! You "wire" the actual circuit by rubbing down dry transfer etch resist patterns right on a copper clad board. Connect patterns with dry transfer lines or etch resist tape, etch in a ferric chloride solution and in a few minutes, the finished copper circuit can be drilled and loaded with components. This kit comes with a huge assortment of resist patterns: Universal DIPS, assorted size donuts, transistors, round can IC's, dry transfer lines, resist tape (.062" and .031", 720" total on each roll), 4 blank copper boards, 1/4 lb of dry ferric chloride etchant & complete instructions.

ER-1..**$11.90**

DRY TRANSFER TITLES AND MARKETING

Use DATAKOAT brush-on or spray coat to protect transferred letters.
10 point - .105" High
12 point - .125" High

MICRON MICROFA

948....Black 10pt preset electronic titles....**$13.25**

VIDEO VOICE V

9581....Black 12pt preset electronic titles....**13.25**

ABCDEFGHIJKL

9601..........Black 12pt bold letters..........**8.69**

1111223344555

9621.........Black 12pt bold numerals.........**8.69**

METER METER mHz

949.....White 10pt preset electronic titles.....**13.25**

NOPQRSTUVWXYZ

951D..........White 10pt bold letters..........**8.69**

VOLUME VOIC

9591....White 12pt preset electronic titles....**13.25**

NOPQRSTUVW

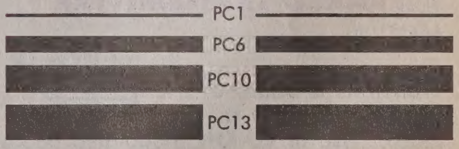
9611.........White 12pt bold letters..........**8.69**

6778899000;;;;

9631.........White 12pt bold numerals.........**8.69**

PRINTED CIRCUIT TAPES

These precision slit tapes are supplied in .005" thick black crepe and are 720" long.



PC1	.015"	**$2.05**
PC2	.020"	**2.05**
PC3	.026"	**2.05**
PC4	.031"	**2.05**
PC5	.040"	**2.05**
PC6	.050"	**2.05**
PC7	.072"	**2.05**
PC8	.080"	**2.05**
PC9	.093"	**2.05**
PC10	.100"	**2.05**
PC11	.125"	**2.05**
PC12	.150"	**2.55**
PC13	.187"	**3.35**

DIRECT ETCH DRY TRANSFERS

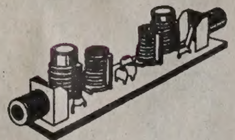
Rub down DE resist patterns and line to make circuits directly on the bare copper board. This master assortment contains the complete range of Direct Etch through-hole patterns donut pads, and SMD "footprints" for any component that can be mounted on a PC board.

DE973..**$33.95**

ELECTRONIC KITS

Kits come with all necessary components and complete instructions. They require assembly including soldering. Returns on kits will be accepted only on unopened unassembled kits.

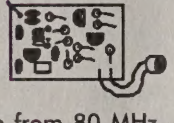
CABLE FILTER KIT



Multi-pole four stage notch filter eliminates picture distortion and the annoying "beep..beep" found on premium cable channels between 2 and 22. Connect between incoming cable or convertor and TV/VCR. Works with or without a cable coverter. Can be used on standard 75 ohm antenna systems to remove any single channel (requires 2 filters). This kit sold for educational purposes only. Requires permission of local cable co. to use.

DF-222......................................**$14.95**

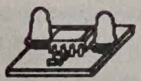
WIRELESS MIC KIT



.9" x 1"
Wireless mic kit can transmit up to 400 yards to an FM radio. Tunable from 80 MHz - 120 MHz. Comes with mic and 9V battery clip. Operates on 6 - 12 VDC.

WM-1......................................**$12.95**

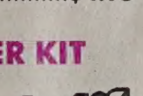
INFRARED TRANSMITTER KIT



Transmits a beam of I/R light across 6-8 ft. distance. Use of 40 KHz modulated beam blocks out other sources of direct I/R light. When used with companion receiver, kit can be used to detect objects interfering with beam, count objects or as remote control. Operates on 6-12 VDC.

42-139......................................**$4.95**

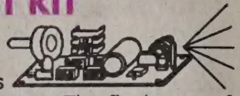
INFRARED RECEIVER KIT



Only receives beam of 40 KHz modulated I/R light so that it blocks out other light sources of direct I/R light. When used with companion transmitter, kit can be used to detect objects interfering with beam, count objects, or as remote control. Output can be wired as "normally open" or "normally closed". Operates on 6-12 VDC.

42-140......................................**$17.95**

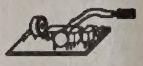
STROBE LIGHT KIT



1-3/4" x 3-1/2"
This strobe light kit is a perfect attention getter. The flash rate of your strobe is adjustable by a 10K pot from 1 flash/second to 1 flash per every 30/seconds. Operates at 12 or 6 Volts.

ST-1..**$10.95**

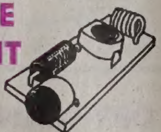
TEMPERATURE CONTROLLER KIT



1-1/8" x 1-3/8"
Use this kit as an electronic thermostat. Monitor temperatures, then when a determined temperature is reached this kit can automatically turn on a heating or cooling unit for you. Temperature ranges from 0 - 200°F (± 2°F). Operates on 6-15 VDC.

TC-1..**$6.95**

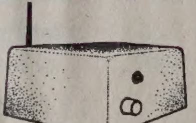
MICRO MINIATURE WIRELESS MIKE KIT



.9" x .3"
Utilizes surface mount parts to make a small but powerful unit. Surface mount parts are installed, all you install are the leaded devices. Super sensitive mike transmits a whisper or a room full of conversation to an FM radio, tunable from 88 to 108 MHz. Transmits up to 1/2 mile. Operates on 6 - 12 VDC.

MMWM5...................................**$34.95**

FM STEREO TRANSMITTER KIT

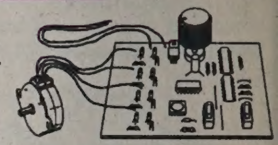


Transmit stereo sound to any FM radio (from 76 to 108 MHz FM). Excellent clarity with no drift. Approximate 40 dB stereo separation. Antenna length determines distance of broadcast. Works by plugging any stereo signal to the RCA jacks on this transmitter. Capable of sending signal to walkmans, from car to camper, through an auditorium, around the neighborhood, etc. Comes equipped with right and left volume controls.

FMST-100.................................**$29.95**

ENCLOSURE FOR ABOVE KIT
EFMST......................................**$8.95**

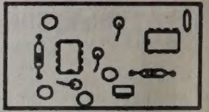
STEPPER MOTOR CONTROLLER KIT



Motor controller kit for bipolar steppermotors. Includes a 7 degree motor. Features 1/2, full or single step, variable speed, reversible, run and hold. LEDs indicate phase sequences. Will drive other 12 VDC stepper motors. Operates on 12 VDC @ 1/2 amp.

17-100.....................................**$17.95**

SUPER BIG EAR AMP KIT



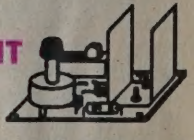
1" x 1-3/4"
Super sensitive amplifier kit can hear through walls etc. Couple to a parabolic reflector and pocket radio earphones to hear for blocks. Can be used as a general purpose 1.5 W amp. Supplied with a mini-microphone. Runs on 6-12 VDC.

AA-1.......................................**$10.95**

Make your own zapper...
Using surface mount parts and teflon PC board, this kit utilizies a Ga As Fet for a state-of-the art product. This is a 10 GHz 15 mW amateur transmitter designed to activate any radar detector within 3/4 of a mile. Tuning requires a spectrum analyzer, frequency counter or a radar detector. Cabinet included. Requires a 9V battery.

42-100..............Kit Form.............**$39.95**
42-102............Assembled...........**$49.95**

12 VDC POWER CONTROLLER KIT

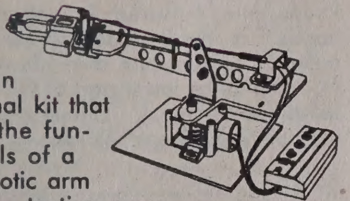


This kit will control the speed of any 12 VDC motor, fan or will dim any 12 VDC lamp up to 10 amp. 5% to 98% control. Assembly required including soldering.

80-217.....................................**$15.95**

MOVIT ELECTRONIC ROBOTS *Only basic hand tools are required for assembly.*

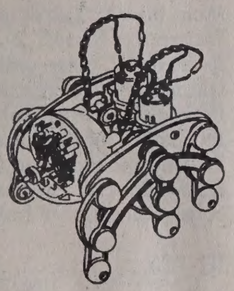
ROBOTIC ARM



This robotic arm is an educational kit that teaches the fundamentals of a basic robotic arm as well as testing your own motors skills. Control from the palm of your hand to grab/release, lift/lower and pivot from side to side. Comes with detailed instruction and assembly manual. Requires two "C" batteries.

Y-01..**$59.95**

SPIDER

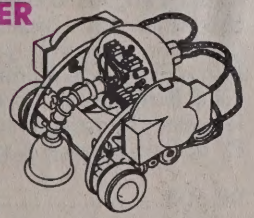


An intelligent robot which knows how to avoid interference. The robot emits an infra-red beam which detects an obstacle in front and then automatically turns left and continues on.

Movement: 3 legs on each side by crank motion. Requires two "AA" and one 9 VDC battery.

MV-962....................................**$64.95**

LINE TRACKER



Guided by an infrared light sensor this robot will automatically follow any black line drawn on white paper.

Movement: 3 wheels driven by 2 DC motors. Requires two "AA" and one 9 volt battery.

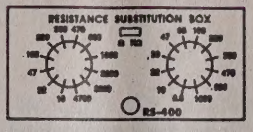
MV-963....................................**$62.95**

CHASER LIGHT KIT

Use this kit like a mini theater marquee. You can use up to 40 LEDs (16 included) around hats, badges, pictures, etc. Every 4th LED chases around the display to give you a dazzling effect. Operates from 4 to 12 VDC. 1-1/4" x 1.6"

CL-1...**$15.95**

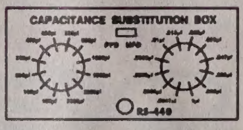
RESISTOR SUBSTITUTION BOX KIT



This resistor substitution box kit contains 24 different value resistors from 10 ohm to 1 meg.

K-37...**$13.50**

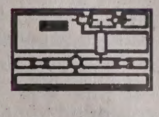
CAPACITOR SUBSTITUTION BOX KIT



This capacitor substitution box kit contains 12 different value capacitors from 100pfd to .1MFD.

K-38...**$13.50**

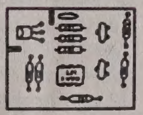
PREAMP 1 MHz to 2.5 GHz



1 MHz to 2.5 GHz
2.8 dB NF, 1 db compression = +0 dBM, Gain 1 MHz - 20 db, 2.5 GHz - 6 dB. Ideal preamp for scanners, freq counters & satellite receivers. Amplifies low or weak signals to a usable level. Two may be used in series for extremely low signals. Operates on 12 VDC @ 16 mA.

WBA-6......................................**$19.95**

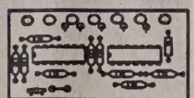
DIGITAL THERMOMETER KIT



Sensor is only 1/4" sq. and can be remotely located. Circuit designed to turn your digital multimeter into an accurate thermometer with .1 degree resolution. 290 degree span covering from -40 to 250°F. Requires a 9V battery.

DT-1...**$8.95**

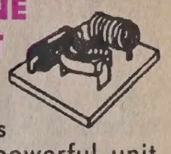
12V / 8V / 5V BATTERY MONITOR KIT



2-3/4" x 1-7/16"
Voltage monitor kit monitors voltage using 7 LEDs (2 red, 2 yellow, 3 green). Change resistors to select voltage ranges and indicated steps: 5 or 8 V in 1/4 steps or 12 V in 1/4, 1/2 or 1 V steps.

VM-1..**$7.95**

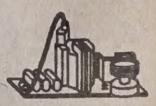
MICRO TELEPHONE TRANSMITTER KIT



.6" x .45"
Utilizes surface mount parts to make a small but powerful unit. Surface mount parts are installed; all you install are the leaded devices. Transmits both sides of a phone conversation up to 1/4 mile to FM radio, tunable from 88 to 108 MHz. If properly installed, unit is undetectable. Phone powered.

MMPT2....................................**$29.95**

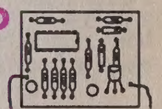
LASER POWER SUPPLY KIT



Input voltage: 12 VDC Reg
Trigger voltage: 8-10 KV
Operating vol: 1.5 KV @ 4.5 mA. For 1/2 to 2 mW Laser tubes. Comes complete with PC board (2-3/8" x 6-1/4" x 2"), and easy to follow instructions.

42-108....................................**$29.95**

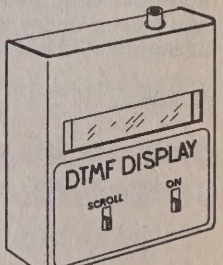
VOICE ACTIVATED SWITCH KIT



1-1/2" x 1-1/4"
Voice activated switch circuit. Switch will operate a 100 mA load. This can be used to drive a light, a relay for higher loads, etc. Operates from audio source or from crystal, ceramic or electret mic. Operates on 5-15 VDC.

VOX-1..**$6.95**

DTMF DECODER DISPLAY UNIT



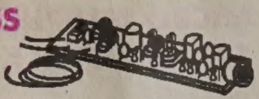
3-1/2" x 4" x 1"
Connects to any phone, scanner or amateur radio. Decodes any DTMF signals. Decodes digits 0 thru 9, #, *, A, B, C on a 2 line 16 character LCD display. Stores the last 490 digits recorded. Use scroll switch to search through the memory. Also decodes repeater codes, control codes or any other touch tones that are broadcast. Complete with black anodized cabinet. Hook-up via RCA jack.

DTMF-KIT...........Kit Form...........**$119.95**

DTMF.............Assembled..........**$149.95**

ELECTRONIC KITS

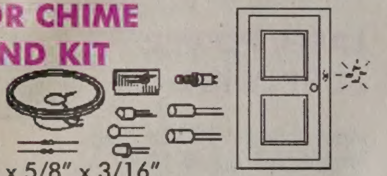
FM WIRELESS MIKE KIT



2-3/4" x 5/8" x 1/2"
Powerful 2 stage, wireless mike kit transmits over 1/2 mile (up to 1Km in the open) Tunable to the upper part of FM broadcast band. Circuit does require the ability to "Tweak" RF circuits by stretching or compressing coils. With mike & 9V battery clip. Operates from 6-12 VDC.

99-100......................................**$10.95**

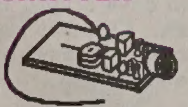
DOOR CHIME SOUND KIT



1-1/8" x 5/8" x 3/16"
Produces 16 door chime melodies. At power up the first tune is played; each subsequent push of the button causes the next song to be played in sequence. Some of the tunes are: "Farmer in The Dell", "Die Lorelei", "Lovers Concerto". Components supplied for operation on 3 VDC (battery holder for 2 "AA" supplied), but circuit will operate from 2.5 - 5 VDC.

99-101......................................**$7.95**

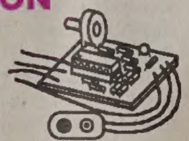
9 VDC FM TRANSMITTER KIT



1-3/4" x 3/4" x 3/8"
Powerful, FM transmitter. Transmits over 100 meters in building and over 500 M outside using 1/4 or 1/2 wave length of wire. Transmits to the upper part of FM broadcast band (100-108 MHz). Circuit requires the ability to "Tweak" RF circuits. Runs on 9 VDC.

99-106......................................**$9.95**

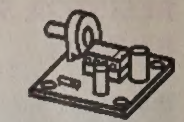
OP-AMP FUNCTION GENERATOR KIT



1-7/8" x 1-5/8" x 7/8"
Circuit designed around a Quad Op-Amp connected as oscillator & wave shapers. Oscillator generates a Square Wave over 6 Hz to 6 KHz. range. The other amps then produce the Triangle & pseudo Sine outputs. Solder pad outputs. Runs on 9 VDC.

99-109......................................**$8.95**

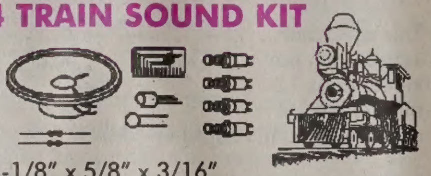
1 WATT AMPLIFIER KIT



1-1/4" x 1-1/8" x 7/8"
Circuit designed around a single TDA7052 IC. Ideal part for larger projects. Drives 8 ohm speaker (not supplied) Ideal for battery powered circuits. Operates on 3-15 VDC. Solder pads for all connections.

99-103......................................**$7.95**

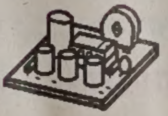
4 TRAIN SOUND KIT



1-1/8" x 5/8" x 3/16"
Produces 4 selectable, common sounds associated with trains; Whistle blowing (repeats 3 times), Crossing Bell, Chugging and "Clickety-Clack". Components supplied for operation on 3 VDC (battery holder for 2 "AA" supplied), but circuit will operate from 2.5 - 6 VDC. Two boards can be cascaded to produce a sequence of sounds from a single switch.

99-102......................................**$7.95**

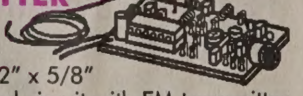
LOW VOLTAGE AUDIO AMPLIFIER KIT



1-1/4" x 1-1/4" x 3/4"
Circuit designed around the National LM386 IC. The LM386 is a variable gain audio amp. Use this kit as a building block for other projects. Operates on 4-12 VDC. Solder pads for all connections. Approximately 1/2 watt.

99-107......................................**$6.95**

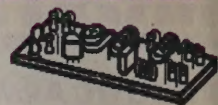
VOX SWITCH FM TRANSMITTER KIT



2-1/2" x 1-1/2" x 5/8"
Sound activated circuit with FM transmitter. Sensitive electret mike picks up audio which is amplified and used to modulate FM RF transmitter. Circuit requires the ability to "Tweak" RF circuits by stretching/compressing coils. Operates on 6 VDC, 4 cell "A" battery holder included.

99-110......................................**$12.95**

TELEPHONE TRANSMITTER KIT



1-7/8" x 5/8" x 3/8"
Phone line powered & activated wher handset is lifted. Uses phone wires fo antenna. Transmits over short distance (<100ft) to the lower part of FM broadcas band (90-95 mhz). Circuit does require the ability to "Tweak" RF circuits.

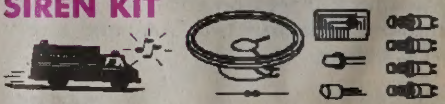
99-104......................................**$9.95**

ULTRASONIC MOTION DETECTOR KIT

Main Board: 2-3/4" x 2" x 3/4"
Transducer Board: 2-3/4" x 5/8" x 7/8"
2 boards; one with matched pair o Ultrasonic transducers to detect motior from 4-7m away. 2nd board contains crystal controlled oscillator and all circuits. Switchable latch, red LED indicator. Solder pad output to drive external relay or circuits. Runs on 9V battery.

99-105......................................**$29.95**

SIREN KIT



2" x 3/4" x 1/2"
Circuit designed around a Dual Op-Amp connected as oscillator and driver. Oscillator is off until you press the switch then a rising tone is produced until a steady value is reached. If switch is released the tone starts dropping until it cuts off. Runs on 9V battery. Speaker & switch supplied.

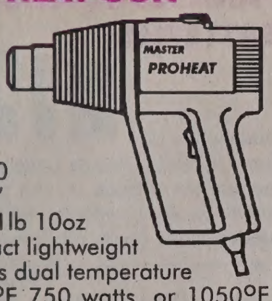
99-108......................................**$6.95**

New Kits

THIS PAGE FEATURES OUR LATEST EDITION OF EDUCATIONAL KITS. THEY FEATURE G-10 EPOXY GLASS BOARDS WHICH HAVE SILK SCREENED COMPONENT LAYOUT & SOLDER MASK. ALL COMPONENTS ARE INCLUDED ALONG WITH EASY TO FOLLOW INSTRUCTIONS.

MASTER APPLIANCE

PROHEAT® HEAT GUN



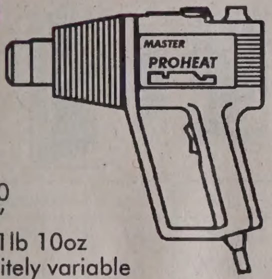
Mfg. - MASTER
Mfg.# - PH-1100
8.25" x 3" x 7.3"
120 VAC input, 1lb 10oz

The latest compact lightweight heat gun features dual temperature settings of 570°F 750 watts, or 1050°F 1500 watts, with an airflow of 15 CFM at 3650 FPM. Lexan® housing for high impact durability.

PH-1100..................................**$69.95**

Replacement heating element for PH-1100
35004.......................................**$30.95**

VARITEMP PROHEAT® HEAT GUN



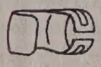
Mfg. - MASTER
Mfg.# - PH-1200
8.25" x 3" x 7.3"
120 VAC input, 1lb 10oz

Features an infinitely variable temperature control from ambient to 1050°F (1500 watts max). The knob and knob shaft remove after temperature selection for a temper-proof temperature "lock-in" feature.

PH-1200..................................**$124.95**

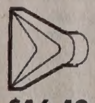
Replacement heating element for PH-1200
35031.......................................**$26.95**

ATTACHMENTS FOR PROHEAT® HEAT GUN



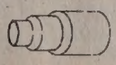
Shrink Attachment

35017.......................................**$11.45**



Spreader Attachment

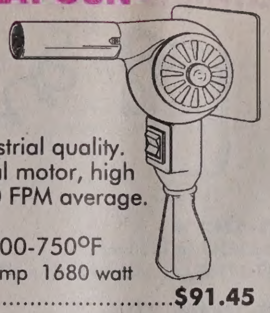
35016.......................................**$16.49**



Reducer Attachment
*For use w/PH-1200 only

50379.......................................**$18.25**

MASTER HEAT GUN®



8" x 5.25" x 9.5"
120 VAC input,
3-1/2 lbs

Heavy duty, industrial quality. Features universal motor, high air velocity, 3000 FPM average.

500-750°F
14 Amp 1680 watt

HG-501A..................................**$91.45**

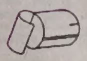
Replacement heating element for HG-501A
HAS-011K.................................**$20.29**

750-1000°F
14.5 Amp 1740 watt

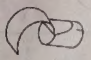
HG-751B..................................**$91.45**

Replacement heating element for HG-751B
HAS-043K.................................**$20.29**

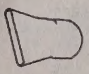
ATTACHMENTS FOR MASTER HEAT GUN



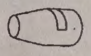
Shrink attachment for tubing up to 3/4" OD
A-160-HG.....................**$11.59**



Shrink attachment for tubing 3/4" to 2" OD
A-170-HG.....................**$13.85**

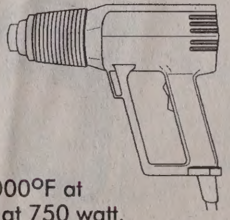


2-1/4" Spreader attachment
51543............................**$8.99**



7/8" Reducer attachment
51544............................**$8.99**

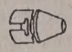
DELUXE HEAT GUN



Mfg. - EASYPOWER
Dual temperature 1000°F at 1500 watt or 650°F at 750 watt.

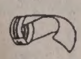
2 speed deluxe heat gun with built-in stand for stationary use. Ideal for paint stripping, quick drying, heat shrink films, removing tile, labels or bumper stickers.
120 VAC/1500W/60 Hz

72102.......................................**$31.95**



REDUCER FOR ABOVE

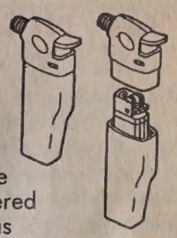
79211...**$4.79**



REFLECTOR FOR ABOVE

79212...**$4.79**

MICRO TORCH

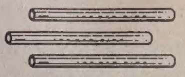


Mfg. - MASTER
Mfg.# - MT10
4.33" x 2.56" x 9.84"

This unique Micro Torch puts out a razor sharp blue flame up to 2400°F. Powered by a disposable butane gas lighter (included). Can be refilled by a standard Scripto lighter.

MT10...**$19.95**

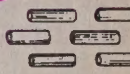
20 PIECE HEAT SHRINK ASSORTMENT



Black. Shrinks to 50% of its original diameter. Lengths range from 1-3/4" to 6" and diameters include 1/16", 3/32", 1/8", 1/4", 1/2" & 3/4".

33-128................................1 pk/**$1.25**

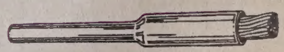
50 PIECE HEAT SHRINK PRE-CUT LENGTHS



Mfg. - RAYCHEM
Black. Lengths vary from 1-3/16" to 2-1/2". Diameters include 3/16", 3/8", 5/16" &1".

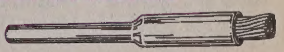
33-111................................1 pk/**$1.99**

1/8" COLORED HEAT SHRINK



33-112	10ft Red	$2.25
33-113	10ft Gray	2.25
33-114	10ft Brown	2.25

1-1/2" HEAT SHRINK

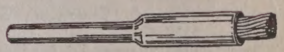


White insultite, flexible polyolefin tubing. Shrinks to 50% of its original diameter.

33-100..............................4ft pc/**$3.99**

BUY **25** PCS & TAKE A **10%** DISCOUNT

3/8" HEAT SHRINKABLE TUBING



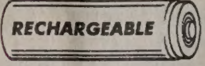
Mfg. - 3M
Mfg.# - FP-301
Green/yellow flexible Polyolefin, 3/8" shrinks to 3/16"

33-127.................................10ft/**$1.99**

Buy one reel of 200ft and take a 15% discount

BATTERIES

"AA" NICADS



Mfg. - SAFT
1.2 volt 600 mAh
For 1.5 volt applications
Standard charge 60mA - 16h
Quick charge 160mA - 5h
Rechargeable

New

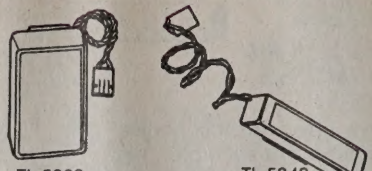
33-152..**$1.49**

LITHIUM POWER CELL

Ultralife® 9-volt lithium manganese dioxide power cells. 1200 mAh @ 900 Ω to 5.4V. Maximum discharge: 120 mA continuous. Corrosion-proof/leak resistant ultrasonically sealed. Contains no mercury, cadmium or lead. Shelf life up to 10 years.

33-148..**$8.95**

LITHIUM COMPUTER CELLS



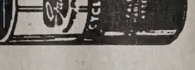
TL-5242/W
3.6 VOLT @ 1900 mAh
39-199............62mm x 18mm x 16mm.........**$10.99**

TL-5293/W, BRE3
6 VOLT @ 1900 mAh
39-200............59mm x 38mm x 20mm.........**$14.49**

2CR17335SEV, BRP2, PC223A
6 VOLT @ 1600 mAh
39-201........33.8mm x 19.5mm x 35.9mm.....**$11.99**

TL-5280/T
7.2 VOLT @ 1900 mAh
39-203............59mm x 38mm x 20mm.........**$17.99**

844 ALKALINE
4.5 VOLT @ 1150 mAh
39-204............60mm x 28mm x 22mm.........**$10.99**



SEALED LEAD ACID RECHARGEABLE BATTERIES

Mfg. - GATES CYCLON

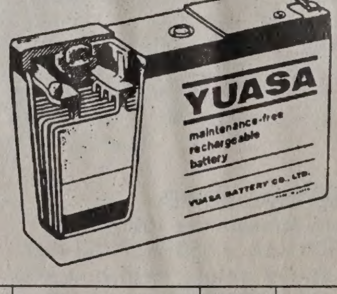
New

Part#	Nominal Voltage (V)	Nominal Capacity 10Hr. Rate (Ah)	Nominal Capacity 20Hr. Rate (Ah)	Length Inches	Width Inches	Total Height Inches	Incl. Terminals Inches	Weight (Approx.)	Price
33-167	2	2.5	2.7	2.65	1.335	2.65	2.65	6.4 oz	$5.75
33-168	2	5	5.4	3.16	1.735	3.16	3.16	13 oz	8.25
33-169	2	25	26	6.78	2.55	6.78	6.78	3.49 lbs	33.75

SEALED LEAD ACID RECHARGEABLE BATTERIES

Applications:
- UPS/SPS Systems
- Alarm Systems
- Medical
- Portable Lighting
- Point of Sale Backup
- Etc.

Compact efficient power sources designed for long life in float and cyclic applications, durability and dependable service. Suspended electrolyte allows batteries to be mounted in any position. .187" faston tab.



Part#	Cross Refference	Volts	Cap 20 HR Rate	Dimension(in.) L x W x H	Weight LB	Price
39-178	NP3-4	4	3	3.56 x 1.33 x 2.51	.94	14.95
39-179	NP1.2-6, LCR6V1.3P, PS612	6	1.2	3.82 x .98 x 2.15	.66	11.49
39-180	NP2.6-6	6	2.6	5.27 x 1.33 x 2.52	1.23	17.49
39-181	NP4-6, LCR6V4P, PS-640	6	4	2.76 x 1.85 x 4.15	1.87	12.95
39-182	NP7-6, LCR6V6.5P, LCR6V7.2P, PS-670	6	7	5.95 x 1.33 x 3.84	2.98	16.95
39-183	NP10-6, LCR6V10P, PS-6100	6	10	5.95 x 1.97 x 3.84	4.41	19.95
39-184	NP1.2-12, LCR12V1.3P, PS-1212	12	1.2	3.82 x 1.89 x 2.15	1.25	18.95
39-185	NP2.3-12, PS1200, 1226	12	2.3	7.01 x 1.34 x 2.52	2.07	22.95
39-186	NP4-12, PS-1242	12	4	3.54 x 2.75 x 4.17	3.74	23.95
39-187	NP7-12, LCR12V6.5P, PS-1270	12	7	5.95 x 2.56 x 3.84	5.84	24.95
39-188	NPG-18-12, LCR12V17BP	12	18	*7.12 x 2.99 x 6.57	13.70	62.95

*Nut & Bolt Terminals

PANASONIC ALKALINE BATTERIES

Panasonic
Panasonic
Panasonic
Panasonic
Panasonic

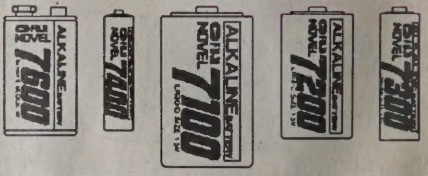
Made in the USA

The cylindrical alkaline battery is composed of: manganese dioxide for the positive-activating substance, zinc powder for the negative-activating substance and caustic alkali for the electrolyte.

Part#	Size	Volt	Rated Drain (mA)	Price Each
AM1X	D	1.5	320	$1.49
AM2X	C	1.5	300	1.25
AM3X	AA	1.5	130	.49
AM4X	AAA	1.5	25	.79
AM5X	N	1.5	25	1.19
AM6X	9V	9	---	2.10

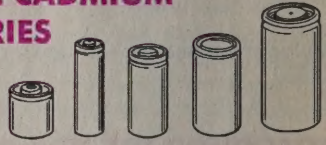
FUJI NOVEL

SUPER ALKALINE



Part#	Size	Voltage	Price
7300/2	AA	1.5	pk 2/$1.25
7300/4	AA	1.5	pk 4/$2.10
7400/2	AAA	1.5	pk 2/$1.25
7200/2	C	1.5	pk 2/$2.35
7100/2	D	1.5	pk 2/$2.35

NICKEL CADMIUM BATTERIES



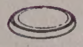
Features excellent discharge characteristics and long shelf life in a sealed strong leakproof construction.

Part#	Description	Volts	mAh	Price
AAA-180	AAA	1.2	180	$2.29
AA-500	AA	1.2	500	1.99
AA-500WT	AA w/ tabs	1.2	500	2.25
1/2SC-650	1/2 Sub-C Cell	1.2	650	5.75
1/2SC-650WT	1/2 Sub-C Cell*	1.2	650	5.99
SC-1300	Sub-C (KR-1300)	1.2	1300	3.49
SC-1200WT	Sub-C w/ tabs	1.2	1200	3.75
C-1800	C Cell	1.2	1800	5.95
C-1800WT	C Cell w/ tabs	1.2	1800	6.25
D-4000	D Cell	1.2	4000	8.95
D-4000WT	D Cell w/ tabs	1.2	4000	9.25
9V-8.4	9V Snaps * w/ tabs	8.4	100	8.95

BATTERIES & HOLDERS

LITHIUM 3 VOLT COIN CELLS

BR-2325

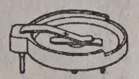

CR-2032

BR-2032

Part#	Cross-Ref	mAh	Dia x Ht (mm)	Price
39-189	CR1220	35	12 x 2	$1.25
39-190	BR1225	40	12 x 2.5	1.49
39-191	CR1616	50	16 x 1.6	1.49
39-192	CR2016	75	20 x 1.6	1.15
39-193	CR2025	150	20 x 2.5	1.25
39-194	CR2032	200	20 x 3.2	1.15
39-195	BR2325	175	23 x 2.5	2.25
39-196	BR2330	255	23 x 3	2.69
39-197	CR2430	270	24 x 3	1.35
39-198	CR2450	550	24 x 5	2.49

COIN CELL BATTERY HOLDER

New

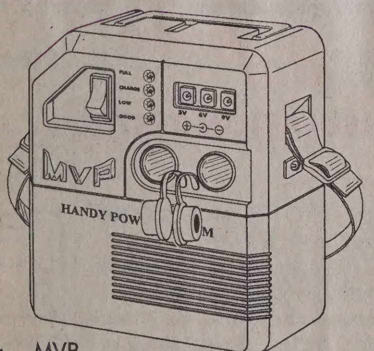


For 20mm coin cell (CR2016, CR2025, CR2023, CR2032, Etc.)
PC mount

74-495.......................................**$ .89**

RECHARGEABLE PORTABLE POWER SYSTEM

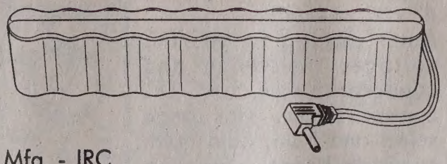
New



Mfg. - MVP
Mfg.# - I-6001
8" x 7" x 3-1/4"
3 VDC, 6 VDC, 9 VDC and dual 12 VDC output. 12 VDC or 110 VAC recharging capability. Features diagnostic LED display, ON-OFF switch, built-in storage compartment, shoulder belt and 12 VDC recharging cord. Great for cellular phones, laptop computers, portable radio, LCD TV's etc. Fused at 15 amp.

80-279.......................................**$24.95**

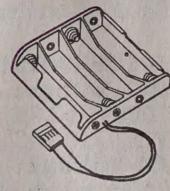
12 VDC 1400mAH NICAD BATTERY PACK



Mfg. - JRC
Coaxial jack: OD - .215", ID - .082"

33-150.......................................**$14.95**

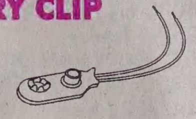
4 "AA" CELL HOLDER



2-1/2" x 2-1/4" x 5/8"
Black molded plastic holder carries 4 "AA" cells parallel.

74-490.......................................**$ .69**

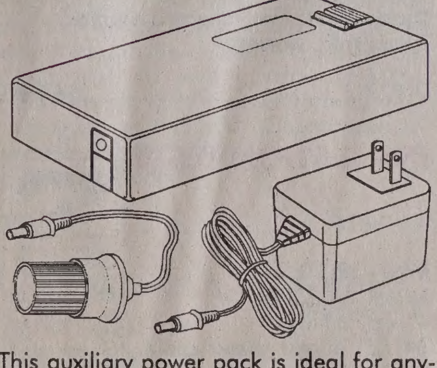
9 VOLT BATTERY CLIP



Vinyl covered head with red & black color coded leads.

(1-99) (100-Up)
74-159............................**$ .10**....**$ .09**

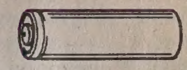
12 VDC MOBILE NI-CAD PACK



This auxiliary power pack is ideal for anything that will run off a cigarette lighter plug like cellular phones, Ham or CB radios, radar detectors, camping accessories etc. Complete with a 12 VDC @ 2.4 amp Nickel-Cadmium battery pack, a 12 VDC @ 800 mA charging adapter and a removable female lighter socket. Simply plug the adapter into the Nicad pack at night and the next day you have 12 VDC to go!

(1-5) (6-Up)
75-247........................**$24.95**...**$19.95**

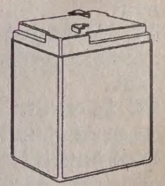
"AA" NICKEL METAL HYDRIDE BATTERY



1.2 VDC 1200mAh
Fast charge capability
NO CADMIUM, MERCURY OR LEAD
NO MEMORY EFFECT
Charging: Standard: 120mA for 16 hrs
Fast: 1200mA for 1 hr

33-149.......................................**$4.25**

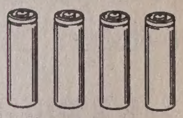
SEALED LEAD ACID RECHARGEABLE BATTERIES



6 VDC 4 Ah
Mfg. - PANASONIC
Mfg.# - LCR6V4BP
4" x 2-11/16" x 2-13/16"

80-273.......................................**$9.95**

"AA" BATTERIES

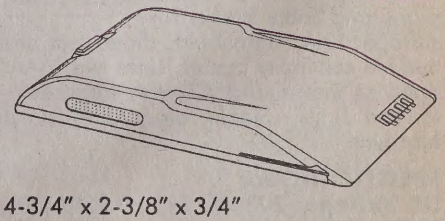


Mfg. - MASTERCELL
Heavy duty zinc oxide

UM-3.......................................4PK/**$ .75**

MOTOROLA FLIP PHONE BATTERIES

New



4-3/4" x 2-3/8" x 3/4"

STANDARD 6V, 800mAh

33-153...........Steel Gray...........**$21.99**

33-154...........Dark Gray...........**$21.99**

EXTENDED LIFE 6V, 1200 mAh

33-155...........Steel Gray...........**$24.99**

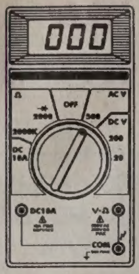
33-156...........Dark Gray...........**$24.99**

NICKEL METAL HYDRIDE "NO MEMORY LOSS" 6VDC, 1200 mAh

33-158...........Dark Gray...........**$44.95**

PROTEK MULTIMETERS

3-1/2 DIGIT DMM

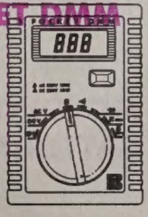


Mfg. - PROTEK
6" x 3" x 1-1/3"
Safety yellow compact case has a single rotary knob. Built-in overloaad protection and a low battery indicator. Supplied with safety probes, 9V battery and 15 page instruction manual.

SPECIFICATIONS:
DC Voltage: 20V and 200V; acc. ±.7%; input overload protection 200 VDC or AC peak.
AC Voltage: 500V; acc. 1.2%; input overload protection 500 VDC and/or AC peak.
DC Current: 10 amp; acc. ±1.5%; input overload up to 12 amp for 12 seconds max.
Resistance (ohms): 2000 ohm and 2000k ohm; acc. ±1.5%; resolution 1 ohm.
Diode Test: Test voltage 2.8V; test current 3 mA.
90 day mfg. warranty.

D-906..**$26.95**

3-1/2 DIGIT POCKET DMM

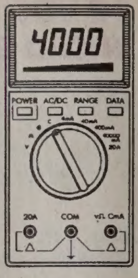


Mfg. - PROTEK
4" x 2-5/8" x 1/2"
Full auto ranging for all functions. Rear case has probe and cable keeper for storage. Has data hold, diode test and audible continuity buzzer. Uses two "AAA" batteries (included), LCD with large easy-to-read digits. Single rotary knob for all functions.

SPECIFICATIONS:
DC Voltage: 200mV, 2V, ±0.75%, 20V, 200V, 500V ±1%; overload protection 700 VDC and/or AC peak.
AC Voltage: 2V, 20V, 200V, 500V ±1.2%; frequency response 50 Hz to 500 Hz; overload protection 700 VDC and/or AC peak.
AC/DC Current: 200mA ±2%; overload protection 0.2A/ 250V fuse.
Resistance: 200 ohm, 2K ohm, 20K ohm, 200K ohm, 2000K ohm, 20M ohm ±1%; overload protection 250 VDC and/or AC peak.
Continuity: Audible beeper will sound if resistance is less than 500 ohm.
Diode Test: Test voltage 1.5V, measures the diode cut-in voltage.
90 day mfg. warranty.

D-930A......................................**$32.95**

3-3/4 DIGIT DMM

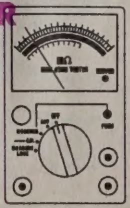


Mfg. - PROTEK
6" x 3" x 1-1/2"
Auto ranging for AC/DC voltage, resistance and capacitance with 5 AC/DC current ranges. Has range select and hold, data hold, continuity beeper, diode test and auto power "off", 3-3/4 digit display, 42 segment bargraph and annunciators. Over range indication: Leading digit flashes. Max. common mode voltage: 850 VDC or peak AC. Batteries, probes & manual included.

SPECIFICATIONS:
DC Voltage: 400mV, 4V, 40V, 400V, 1000V, ±0.3%, overload protection 1000 VDC, 750 VAC.
AC Voltage: 400mV, 4V, 40V, 400V, 750V, ±0.5%, 40 Hz to 500 Hz, overload protection 1000 VDC.
DC Current: 4mA, 40mA, 400mA, 4000mA, ±0.5% overload protection 4A/ 250 V fuse.
AC Current: 4mA, 40mA, 400mA, 4000mA, ±0.75% overload protection 4A/250V fuse.
Resistance: 400, 4K, 40K, 400K, 4000K, ±0.5%, 40M ohm ±0.75%, overload protection 250 VDC or AC rms.
Capacitance: 4nF, 40nF, 400nF, ±0.5%; 4µF, ±0.75%; 40µF, ±2%, resolution 1 pF.
Continuity: Buzzer sounds if resistance is ≤40 ohm.
Diode Test: Test voltage 3.4V max.
2 year mfg. warranty.

D-927..**$64.95**

INSULATION TESTER



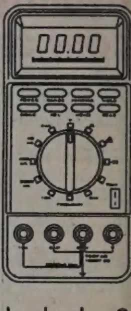
Mfg. - PROTEK
Mfg.# - A-2500I
4" x 6" x 1-3/4"
3-1/2" mirror meter scale.
Extra rugged plastic case with tilt stand comes complete with test leads and battery. Continuous measurements can be made using the "Measurement Lock" position.

SPECIFICATIONS:
AC Voltage: 0 to 300V (±5% scale)

MEG OHM METER:
Range: 0 to 200M ohm ±3% of scale; terminal voltage 500V ±10%

A-2500I......................................**$44.95**

3-3/4 DIGIT HIGH CAPABILITY DMM



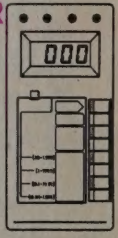
Mfg. - PROTEK
Full auto ranging for AC/DC volts, resistance, temperature, capacitance, and frequency plus 5 AC/DC current ranges. Has range hold, data hold, relative mode, data memory, auto power "off" and diode check. 3 3/4 digits, 4000 count DMM with 42 segment bar-graph.

Supplied with protective heavy duty holster/tilt stand, deluxe safety probes, alligator clip, 9V battery and "K" type beaded temp sensor probe.

SPECIFICATIONS:
DC Voltage: 400mV, 4V, 40V, 400V, 1000V ±.3%
AC Voltage: 4V, 40V, 400V, 750V ±1.2%
AC/DC Current: 4mA, 40mA, 400mA, 4000mA, 10A ±2%
Resistance: 400, 4K, 40K, 400K, 4M, 40M ohm.
Capacitance: 4nF, 40nF, 400nF, 4µF, 40µF ±5%
Frequency: 100 Hz, 1000 Hz, 10 KHz, 100 KHz, 1000 KHz
Temperature: 0°F (-20°c) to 2000°F (1370°c)
Diode Test: Test voltage 3.2V max.
2 year mfg. warranty.

D-981......................................**$104.95**

INSULATION TESTER



Mfg. - PROTEK, #DI-2000M
7-1/2" x 4" x 1-3/4"
3-1/2" digit LCD read out.
Continuity check with buzzer.
Comes complete with test leads, battery & wrist strap.

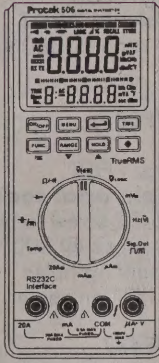
SPECIFICATIONS:
AC Voltage: 0 to 200V (resl. .1V) 0 to 750V (resl. .1V) ±1% input Z = 4M ohm
Resistance: 0 to 200 ohm (resl. .01ohm ±1%)

MEG OHM METER:
Range: 2M, 20M, 200M, 2000M ohm ±2%

DI-2000M................................**$114.95**

TEST EQUIPMENT

AUTORANGING DMM WITH RS-232 INTERFACE



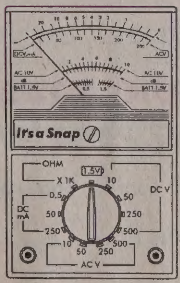
Mfg. - PROTEK
Mfg.# - 506
8″ x 3-3/8″ x 1-1/2″

This high performance DMM has an RS-232 interface and a Microsoft DOS and Windows based software event capture, tracking and printout. Features 3-3/4 digits; 4000 count, auto ranging with analog bargraph; 9,999 (10 MHz) count frequency counter; full annunciators; true RMS mode; dual display for frequency; AC voltage; 10 memory location; time mode; MIN., MAX., AVG., relative and temperature mode C°/F°; logic test; fused 20A input with warning beeper and more. Includes carrying case, test lead, battery, RS-232 cable, software and manual.

DC voltage:
400mV, 4V, 40V, 400V, 1000V
AC voltage:
400mV, 4V, 40V, 400V, 750V
DC current:
400uA, 400mA, 20A
AC current:
400uA, 400mA, 20A
Resistance:
400, 4K, 40K, 400K ohm
Frequency range:
10KHz, 100KHz, 1MHz, 10MHz
Capacitance:
100uF

D-506..**$189.95**

ANALOG MULTI TESTER



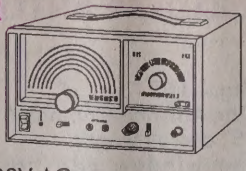
Mfg. - IT'S A SNAP
Mfg.# - 71231
3-1/2″ x 2-3/8″ x 1″

4 function - 17 ranges, overload protection and built in battery tester. Test leads included, requires a "AA" battery.

DC Voltage: 10V, 50V, 250V, 500V
AC Voltage: 10V, 50V, 250V, 500V
DC Current: 5 mA, 50 mA, 250 mA
Resistance: 0-1000K (center 5K)
Decibels: -20dB to +56 dB on AC volts
Battery Test: 1.5 VDC

29-112..**$7.95**

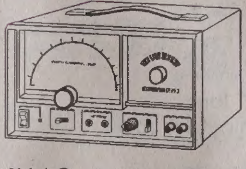
SOLID STATE RF SIGNAL GENERATOR



Mfg. - EMCO
6″ x 10″ x 5-1/2″
5-1/2 lbs
Input: 117V AC/220V AC
RF output: 100 mV rms
Frequency: 100 kHz-150 MHz in 6 ranges (up to 450 MHz on third harmonics).
Dial accuracy is ±3%, output level control with hi-lo switch and fine adj. control. Modulation is 1 kHz internal, 50-20 kHz external at </V rms. Crystal socket panel mounted for 1-15 MHz oscillation.
Test leads included.

29-107..**$149.95**

SOLID STATE SINE/SQUARE WAVE GENERATOR

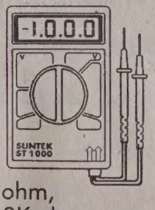


Mfg. - EMCO
6″ x 10″ x 5-1/2″
5-1/2 lbs
Input: 117V AC/220V AC
Output: Sine 0-7.5 rms high impedance,
0-6.5 into 600 ohms. Square 0-10V
p-p high impedance
Frequency: 20-200 kHz square
20 Hz - 2 MHz sine

Wide range audio signal generator with sine and square wave outputs simultaneously. Calibration accuracy is 3% typical, 5% 20-100 Hz and 1 MHz - 2 MHz. Distortion is .25%. Rise time is <.1 microseconds @ 20 kHz. Output attenuation is 0, -20 dB, -40 dB.
Test leads included.

29-108..**$159.95**

3-1/2 DIGIT LCD MULTIMETER



4-7/8″ x 2-5/8″ x 1″
DC voltage: 2V, 20V, 200V, 500V
AC voltage: 200V, 500V
Resistance: 2K ohm, 20K ohm, 200K ohm, 2000K ohm
DC current: 200 mA
Diode test: test 1 mA/ test 3.2V

This 3-1/2″ LCD multimeter features: (-) neg polarity indicator, over range and low battery indicators and over load protection. Test leads, manual and 9 volt battery included.

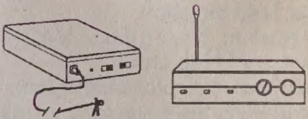
29-102..**$16.95**

WIRELESS MICROPHONE SYSTEMS

Mfg. - NADY

Each system comes with receiver (4-3/8″ x 4-13/16″ x 1-1/4″) and your choice of transmitters and AC/DC adapter. 120 dB dynamic range. 25-20,000 Hz frequency response. 1500 line of sight operation, 200 feet adverse conditions. The transmitter is powered by a 9V battery.

LAVALIER BODYPACK SYSTEM

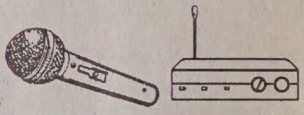


Mfg.# - 101LT-10
3-3/4″ x 2-3/8″ x 3/4″

Rugged compact body pack with attached lavalier microphone. Features input level control and low battery indicator.

19-105..**$275.00**

HANDHELD MICROPHONE SYSTEM

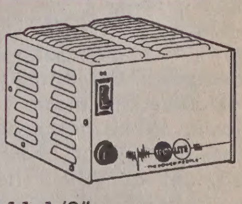


Mfg.# - 101HT-10
9″ x 1-5/16″

Compact and tapered all metal design. Features input level control and low battery indicator. YD-04 Dynamic element virtually identical to Shure SM-58.

19-106..**$279.95**

HIGH CURRENT 13.8 VDC REGULATED POWER SUPPLY



Mfg. - TRIPPLITE
6-3/4″ x 10-1/2″ x 11-1/2″
Input: 120 VAC, 60 Hz

Regulated and filtered. Features fuse and crowbar over voltage protection. Illuminated ON/OFF rocker switch. Output via lug posts.

32 AMP CONSTANT, 40 AMP SURGE
PR40..................27 lbs..............**$169.95**

37 AMP CONSTANT, 50 AMP SURGE
PR50..................30 lbs..............**$204.95**

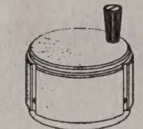
48 AMP CONSTANT, 60 AMP SURGE
PR60..................33 lbs..............**$264.95**

KNOBS • HANDLES • SOCKETS • ETC

KNOBS

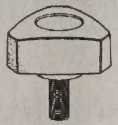
Mfg. - ALCO, #KS500A-1/4
Fits 1/4" dia shaft
O.A. dim: 1/2" less skirt
(skirt 3/4" dia) x 5/8" high
Solid natural color aluminum, 3 flute design with black indicator line on side and skirt. Two 6-32 set screws.

24-113..$ .99



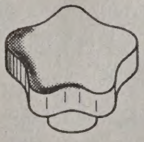
Mfg. - ALCO
Mfg.# - K1255AS-1/4
Fits 1/4" dia shaft
O.A. dim: 1-1/4" dia x 3/4"
Plus 1/2" high crank
Solid natural color aluminum.
Base is 3 flute design, crank spinner is straight knurl. Two 6-32 set screws.

24-104..$1.99



Black knob
1-1/4" dia x 3/4" tall
Stud 3/4" long
Thread size 7/16" - 14NC

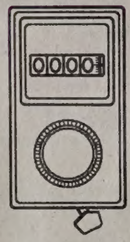
24-134..$1.00



1-3/4"dia x 1-1/4" tall
This black phenolic finger grip knob features a brass insert tapped 5/16" with 18 threads per inch

24-127..$1.00

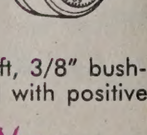
15-TURN DIGITAL SCALE



Mfg. - SPECTROL
Mfg.# - 15-2-11
1-3/4"H x 1"W x 1"L
For 1/4" shaft. Satin clear anodized finish. Knob, bezel and base are matte black plastic. White numerals on black background. Four digits count to 9999. The left two digits indicate the number of completed turns.

39-174..$9.95

DUODIAL® COUNTING DIALS

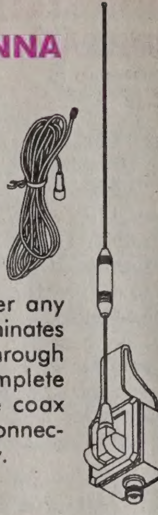


Mfg. - BECKMAN
INDUSTRIES
7/8" OA dia, for 1/4" shaft, 3/8" bushings. 20 turn analog dial with positive action locking mechanism.

New

39-210..$9.95

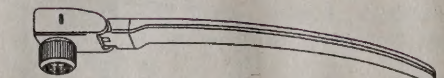
WINDOW CLIP CELLULAR ANTENNA



Mfg. - JRC
"The Antenna Company"
15" overall length
The window clip has been designed for portable and transportable cellular telephones. Clip easily over any vehicle window. This eliminates having to run the cable through windows or doors. Complete with 7-1/2ft removable coax cable to standard TNC connector. Mfg lifetime warranty.

80-272..$9.95

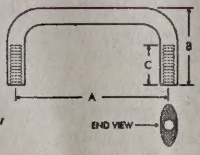
CELLULAR ANTENNA



7" long
Mini UHF male

80-270..$5.95

OVAL INSTRUMENTATION HANDLES



Charcoal gray aluminum
A = 2-1/2"
B = 1-5/16" •C = 3/4"
Screw size: 10-32

74-395..$2.49

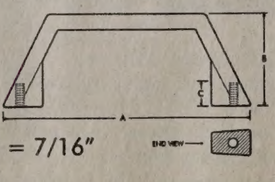
Black aluminum
A = 2-1/2" • B = 1-5/16" •C = 3/4"
Screw size: 10-32

74-505..$2.49

Black aluminum
A = 4" • B = 1-1/4" • C = 3/4"
Screw size: 10-32

74-396..$2.75

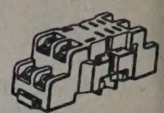
HANDLE



Charcoal gray
aluminum
A = 4"
B = 1-5/8" • C = 7/16"
Screw size: 8-32

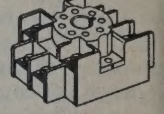
74-440..$2.75

RELAY SOCKETS



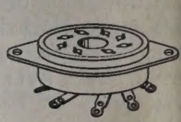
Mfg. - P&B
8 blade DPDT
10 amp @ 300 volt

27E887..$4.95



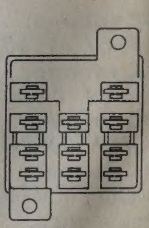
Mfg. - P&B
8-pin octal socket.
#6-32 screw terminals.
10 amps @ 300 VAC
Mounting holes
1-1/8" on center

27E437..$3.75



8 pin octal socket for KRP type relays mounts in 1-1/8" hole with mounting ears 1-1/2" on center.

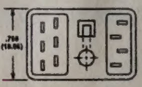
21-227..$1.49

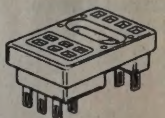


Mfg. - P&B
For KUP, KUEP, KUGP, KUIP and KUMP relays through 3 poles with .187" quick connect termination. .144" PC board mount.

27E046..$ .99

New

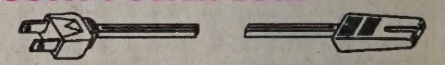




Mfg. - P&B (AMF)
For R10 series relays through 2 poles (10 blade).
10 amp @ 1Kv with grounding strap.

27E125..$ .69

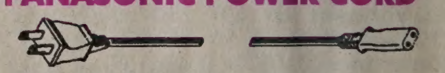
SONY POWER CORD



6ft cord for Sony radios, tape recorders, etc.

AN11....................6ft....................$1.00

PANASONIC POWER CORD



6ft cord for Panasonic radios, tape recorders, etc.

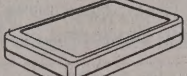
AN10....................6ft....................$1.00

ENCLOSURES

PROJECT ENCLOSURES

Mfg. - SIMCO
1/8" thick ABS plastic features soft textured finish. Complete cases with screws.

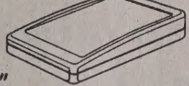
New



6-1/4" x 3-3/4" x 1-1/

14-434	Putty	**$3.99**
14-435	Dark Grey	**$3.99**
14-436	Black	**$3.99**

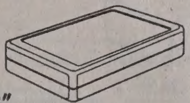
New



6-1/4" x 3-3/4" x 1-1/8"
Case thickness slopes down to 3/4"

14-437	Dark Grey	**$4.99**
14-438	Black	**$4.99**

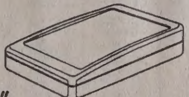
New



6-1/4" x 3-3/4" x 1-3/8"

Dark Grey w/9V compartment door 14-427	**$3.99**
Putty w/9V compartment door 14-428	**$3.99**
Beige w/9V compartment door 14-429	**$3.99**
14-430 Black	**$3.99**

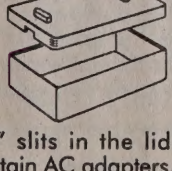
New



6-1/4" x 3-3/4" x 1-3/8"
Case thickness slopes down to 1-1/8"

Beige w/9V compartment door 14-431	**$4.99**
Black w/9V compartment door 14-432	**$4.99**
14-433 Black	**$4.99**

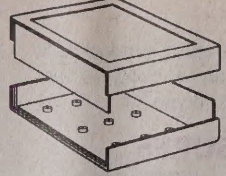
PROJECT BOX



4-3/4" x 2-1/8" x 3"
(outside)
Black, high impact 1/8" ABS plastic enclosure.
Has two 5/16" x 1/16" slits in the lid. Originally intended to contain AC adapters.

	(1-99)	*(100-Up)*
14-199	**$ .99**	**$ .75**

PROJECT BOX



Mfg. - SIMCO
Durable 4 piece box made of 1/8" thick ABS plastic features soft textured finish. Molded-in card guides and mounting bosses. Complete case with screws.

Case Size 6-1/4" x 6" x 2-1/2"

Case	Panels	Item	Price
Case: Black	Panels: Black	14-407	**$4.95**
Case: Brown	Panels: Black	14-409	**$4.95**

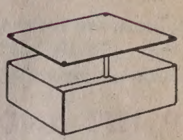
Case Size 8" x 6-1/4" x 2-1/2"

Case	Panels	Item	Price
Case: Tan	Panels: Black	14-415	**$4.95**
Case: Tan	Panels: Beige	14-417	**$4.95**
Case: Cream	Panels: Black	14-421	**$4.95**
Case: Black	Panels: Black	14-422	**$4.95**
Case: Brown	Panels: Brown	14-147	**$4.95**

Case Size 9-1/2" x 6-1/4" x 1-1/2"

Case	Panels	Item	Price
Case: Beige	Panels: Black	14-423	**$5.95**
Case: Putty	Panels: Black	14-424	**$5.95**
Case: Dark Grey	Panels: Black	14-425	**$5.95**
Case: Black	Panels: Black	14-426	**$5.95**

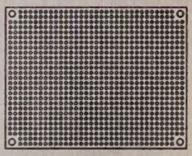
PROJECT ENCLOSURES



Heavy duty 3/16" molded plastic boxes with aluminum covers. Boxes have built-in stand offs for PC or perf board listed below. Each case has brushed aluminum cover and screws.

Size / Item	*(1-99)*	*(100-Up)*
2-11/16" x 1-11/16" x 1-3/16" JAL-1	**$1.35**	**$1.25**
3-5/16" x 2-1/8" x 1-3/8" JAL-2	**$1.50**	**$1.35**
4-1/8" x 2-3/4" x 1-9/16" JAL-3	**$1.99**	**$1.85**
5-1/4" x 3-1/4" x 1-9/16" JAL-4	**$2.75**	**$2.59**

SOLDERABLE PERF BOARD

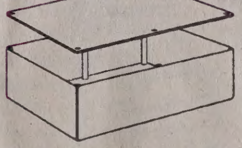


Perf board with mounting holes designed to fit our project enclosures (JAL 1-4) above. Boards have holes on .1" matrix to fit most standard components and have copper solder rings on one side.

Size / Item	*(1-99)*	*(100-Up)*
1-1/2" x 1-3/4" *Fits JAL-1 enc.* JALPC-1	**$ .59**	**$ .54**
1-7/8" x 2-1/4" *Fits JAL-2 enc.* JALPC-2	**$ .89**	**$ .79**
2-1/2" x 3-1/8" *Fits JAL-3 enc.* JALPC-3	**$1.25**	**$1.12**
3" x 4-1/4" *Fits JAL-4 enc.* JALPC-4	**$1.75**	**$1.59**

DIE-CAST ALUMINUM ECONOBOXES

BUD



Mfg. - BUD
Thick, die-cast 380 aluminum alloy construction offers excellent screening properties. Economical, lightweight, easy to machine enclosures are ideal as instrument and meter cases, filter networks, junction boxes, switches, audio and radio frequency distributors. Feature close-fitting flanged lids that fasten to body with furnished flat head screws.

Size / Item	Price
1-1/16"H x 1-1/2"W x 3-5/8"L CU-123	**$5.99**
1-1/16"H x 2-3/8"W x 4-3/8"L CU-124	**$6.99**
2-1/16"H x 3-11/16"W x 4-3/8"L CU-234	**$11.49**
2-1/16"H x 4-45/64"W x 7-3/16"L CU-247	**$18.49**
3-1/16"H x 4-45/64"W x 7-3/16"L CU-347	**$20.75**

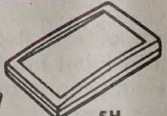
ELECTRONIC ENCLOSURE KITS

PacTec series instrument enclosure kits are constructed of molded ABS plastic. (94HB-1/8" thick) All kits are individually packaged and include all assembly hardware needed to build a prototype kit.

HP, HPL AND SH SERIES ENCLOSURES

These enclosures include a top and bottom cover. Available with either a 9 volt or a 4"AA" battery compartment. Available in Black and PC Bone.

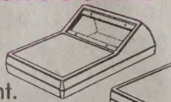
HP/HPL


SH

Black Part#	PC Bone Part#	Outside Dimensions (in) Height	Width	Length	Price Each (1-39)	(40-Up)
HP-B	HP	1.12	3.6	5.75	$4.99	$4.25
HP-LP-B	HP-LP	.81	3.6	5.75	5.49	5.25
HP-9VB-B	HP-9VB	1.29	3.6	5.75	5.65	5.15
HP-4AA-B	HP-4AA	1.29	3.6	5.75	7.55	7.05
SH-B	SH	1.12	3.6	5.75	6.39	5.99
SH-LP-B	SH-LP	.81	3.6	5.75	6.19	5.59
SH-9VB-B	SH-9VB	1.29	3.6	5.75	6.85	6.29
SH-4AA-B	SH-4AA	1.29	3.6	5.75	7.69	7.05
HPL-B	HPL	1.12	4	7.5	8.48	7.75
HPL-9VB-B	HPL-9VB	1.29	4	7.5	8.58	7.85
HPL-4AA-B	HPL-4AA	1.29	4	7.5	10.49	9.75

HPS AND HPLS SERIES ENCLOSURES

These enclosures include a top and bottom cover. Available with either a 9 volt or a 4"AA" battery compartment. Available in Black and PC Bone.

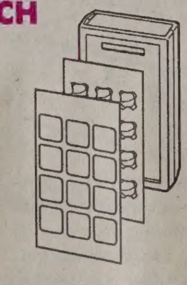

HPS

HPLS

Black Part#	PC Bone Part#	Outside Dimensions (in) Height	Width	Length	Price Each (1-39)	(40-Up)
HPS-B	HPS	1.12/1.92	3.6	5.75	$6.49	$5.99
HPS-LP-B	HPS-LP	.81/1.61	3.6	5.75	8.99	8.39
HPS-9VB-B	HPS-9VB	1.29/1.92	3.6	5.75	10.25	9.65
HPS-4AA-B	HPS-4AA	1.29/1.92	3.6	5.75	10.75	9.99
HPLS-B	HPLS	1.12/1.92	4	7.5	10.15	9.35
HPLS-9VB-B	HPLS-9VB	.81/2.26	4	7.5	10.99	10.25
HPLS-4AA-B	HPLS-4AA	1.29/2.26	4	7.5	11.25	10.49

SWITCH-PAC MEMBRANE SWITCH ENCLOSURES

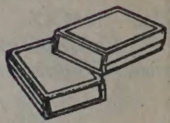
Consists of standard membrane switch and enclosure. Switches features steel-dome tactile membrane and printable overlay with ribbon cable and connector. Rugged enclosures have cable slot opening, 9 volt battery compartment and are recessed to accept membrane switches. Black in color.



Part#	Keypad	Matrix Enclosure (in)	Price
HM-9VB-SW	3 x 4	2.4 x 3.8 x 1	$12.99
HML-9VB-SW	3 x 5	2.75 x 4.6 x 1	15.49
HP-9VB-SW	4 x 6	3.6 x 5.75 x 1.29	21.95

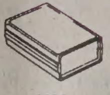
JM, HM AND HML SERIES ENCLOSURES

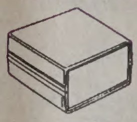
The smallest enclosures in the PacTec line. The HM and HML series kits are composed of three pieces: top cover, bottom cover and front panel. The JM series are composed of four pieces: top cover, bottom cover, front panel and rear panel. Available in Black and PC Bone.

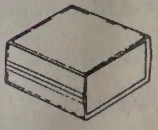

JM/HM/HML/HML-ET

Black Part#	PC Bone Part#	Outside Dimensions (in) Height	Width	Length	Price Each (1-39)	(40-Up)
JM22-B	JM22	1	2.4	2.27	$2.75	$2.49
JM24-B	JM24	1	2.4	3.8	3.99	3.49
HM-B	HM	.9	2.4	3.8	3.75	3.25
HM-9VB-B	HM-9VB	1	2.4	3.8	4.99	4.49
HML-B	HML	.9	2.75	4.6	3.99	3.49
HML-9VB-B	HML-9VB	1	2.75	4.6	4.99	4.25
HML-ET-B	HML-ET	1.4	2.75	4.6	4.49	3.99
HML-ET-9VB-B	HML-ET-9VB	1.5	2.75	4.6	4.75	4.25

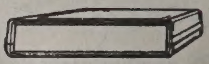
CM SERIES DESKTOP ENCLOSURES


CM3


CM6


CM86

CM5


CM69

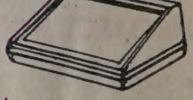
Lightweight and exceptionally durable. CM series kits are composed of four pieces; top cover, bottom cover, front and rear panels. Available in Black and PC Bone.

Black Part#	PC Bone Part#	Outside Dimensions (in) Height	Width	Length	Price Each (1-39)	(40-Up)
CM3-150-B	CM3-150	1.75	3.33	5.25	$9.45	$8.99
CM5-125-B	CM5-125	1.5	5.08	5.25	9.80	9.35
CM5-200-B	CM5-200	2.25	5.08	5.25	11.25	10.49
CM6-225-B	CM6-225	2.5	6.08	6.25	13.60	12.99
CM6-300-B	CM6-300	3.25	6.08	6.25	14.85	13.99
CM59-135-B	CM59-135	1.56	5.57	8.78	16.49	15.25
CM69-120-B	CM69-120	1.38	6.33	9.5	16.49	15.25
CM86-175-B	CM86-175	2	8.08	6.25	15.99	13.99
CM86-225-B	CM86-225	2.5	8.08	6.25	17.60	16.45
CML912-200-B	CML912-200	2.25	9.33	11.8	25.95	23.95

SLOPED PROTOTYPING ENCLOSURES

PACTEC®

High impact ABS construction enclosure customized to accommodate displays, keypads or special devices. Includes hardware, aluminum keyboard and input/output panels. Dimensions are outside dimensions.



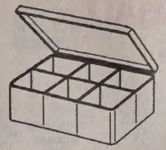
Black Part#	PC Bone Part#	Dimensions (in) Height	Width	Length	Price Each
KEU-7B	KEU-7	.45/2.99	7	5	$19.95
KEU-10B	KEU-10	.69/4.09	10	8	27.85

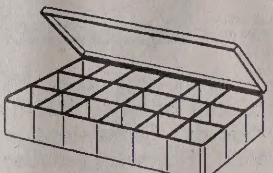
AKRO-MILS CONTAINERS

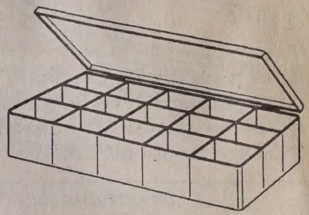
AKRO-MILS UTILITY BOXES

AKRO-MILS

These see-through plastic utility boxes protect small companents, fittings, electronic parts, and hardware. Choose from three sizes of clarified polyproylene boxes with hinged lids. Part 14-189 has six permanently molded-in compartments. 14-190 & 14-191 have permanent partitions and removable dividers.





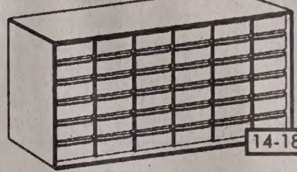


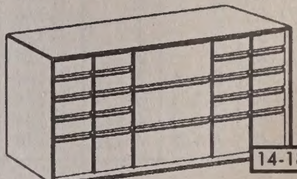
		Inside Dimensions (in.)				
Part#	*No. of Compt.*	*L*	*W*	*H*	*1-9*	*10-Up*
14-189	6 equal	4-5/8	3	1-3/16	$1.25	$ .99
14-190	6-18	8-5/16	4-5/8	1-3/8	3.25	2.75
14-191	5-15	11	6-1/2	2-1/4	4.95	4.59

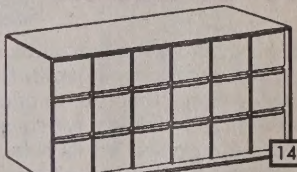
AKRO-MILS ECONOMY CABINETS

AKRO-MILS

These cabinets feature a one piece high strength ABS copolymer frame with textured gray finish. They are designed for stacked arrangements or for individual units. They are ideal for organizing and storing small parts. Transparent dividable drawers allow for easy identification.

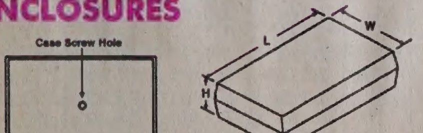

14-186


14-187


14-188

		Inside Drawer Dim.(in.)			*Cabinet Size (in.)*				
Part#	*No. Drawers*	*W*	*H*	*D*	*W*	*H*	*D*	*1-9*	*10-Up*
14-186	36	2-3/4	1-1/4	5-3/4	18-1/4	8-5/8	6-3/8	$34.95	$32.85
14-187	23 { 16-	2-3/4	1-1/4	5-3/4	18-1/4	8-5/8	6-3/8	34.95	32.85
	4-	2-3/4	2-1/2	5-3/4					
	3-	5-5/8	2-1/2	5-5/8					
14-188	18	2-3/4	2-1/2	5-3/4	18-1/4	8-5/8	6-3/8	34.95	32.85

HIGH IMPACT ABS SUB-MINIATURE ENCLOSURES



High impact ABS enclosures consist of durable scratch resistant grain finish. Available in Black (BK) or Almond (AL). Dimensions are INSIDE dimensions. Hardware included.

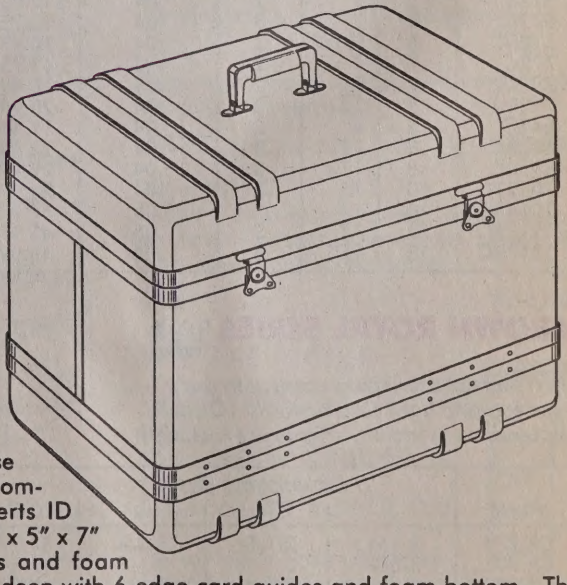
	Dimensions (in.)		
Part#	L	W	H
300-BK	2-1/8	1-3/8	9/16
300-AL	2-1/8	1-3/8	9/16
301-BK	2-1/4	1-5/8	3/4
301-AL	2-1/4	1-5/8	3/4
302-BK	2-3/8	1-7/8	15/16
302-AL	2-3/8	1-7/8	15/16
(1-9) **$3.79** (10-Up) **$3.43**			

HEAVY DUTY TRANSIT CASE

Mfg. - GEMINI

Outside draft:
21" x 13" x 18" deep, 26 lbs

Inside dim:
19" x 10-1/2" x 16" deep
(including 3" lid)

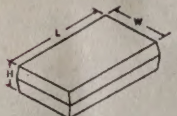


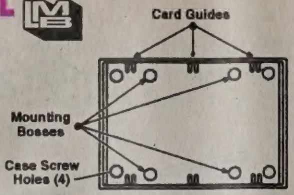
Constructed of rugged gray A.B.S. with foam filled double walls and two reinforced double aluminum bands. The inner wall is constructed of T52 heavy duty aluminum. This container is capable of transporting delicate instruments or PC boards under the most adverse conditions. The inside has 3 compartments, one with foam inserts ID 6" x 4" x 13" deep, one 11-1/2" x 5" x 7" deep with 6 edge card guides and foam bottom and one 19" x 5" x 13" deep with 6 edge card guides and foam bottom. The lid features a continuous hinge, two (non-locking) pull down and twist latches and a hinged handle. Interior partitions not easily removable.

14-412..**$89.95**

LMB HEEGER ENCLOSURES

HIGH IMPACT ABS SMALL INSTRUMENT BOXES

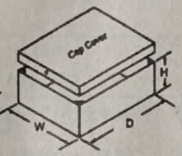




Scratch resistant grain finish. Available in black or almond. Has card guides for verticle mounting of circuit boards. Internal mounting bosses for horizontal circuit boards. Dimensions are INSIDE dimensions. BK=Black, AL=Almond. Hardware included.

Part#	Dimensions (in.) L	W	H	Verticle Card Pos.	MTG Bosses	1-9	10-Up
401-BK	3	2	1-1/4	2	4	$4.44	$3.99
401-AL	3	2	1-1/4	2	4	4.44	3.99
402-BK	4	3	1-1/4	3	4	5.89	5.29
402-AL	4	3	1-1/4	3	4	5.89	5.29
403-BK	5-1/4	3	1-1/4	4	4	7.59	6.75
403-AL	5-1/4	3	1-1/4	4	4	7.59	6.75
404-BK	6-1/2	4-1/2	1-1/4	5	8	7.79	6.99
404-AL	6-1/2	4-1/2	1-1/4	5	8	7.79	6.99

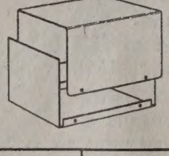
CAP COVER CHASSIS



The LMB unpainted aluminum chassis is advanced construction and quality for your better project application. This chassis enables you to use either the top or bottom for construction. It can also be mounted on its side, which allows for construction on both top and bottom at the same time. Hardware included.

Part#	Dimensions (in.) L	W	H	Metal Thickness	1-9	10-Up
572C	5	7	2	.04	$12.99	$12.25
573C	5	7	3	.04	13.75	13.25
5103C	5	9-1/2	3	.04	16.49	15.99
772C	7	7	2	.04	13.75	13.25
792C	7	9	2	.04	16.49	15.99
7123C	7	12	3	.04	20.99	19.99
842C	8	4	2	.04	11.49	10.99
8123C	8	12	3	.04	22.99	21.99
8173C	8	17	3	.04	29.99	28.99
10123C	10	12	3	.04	24.99	23.99
10173C	10	17	3	.05	37.99	36.99
12173C	12	17	3	.05	41.99	39.99
13173C	13	17	3	.05	48.99	46.99

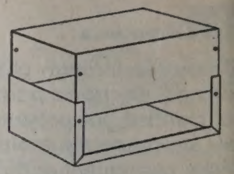
CROWN ROYAL SERIES



.05" painted aluminum cases with dark blue top and light blue bottoms. Outside dimensions in inches. Hardware included.

Part#	Dimensions (in.) L	W	H	1-9	10-Up
CR-221	2-1/4	2-1/8	1-3/4	$4.99	$4.55
CR-332	3-3/4	3	2-1/8	7.59	6.89
CR-422	4	2-1/4	2-1/4	7.19	6.49
CR-442	4	4	2	8.25	7.49
CR-532	5-1/4	3	2-1/8	8.39	7.55
CR-645	6	4	5	14.59	13.19
CR-753	7	5	3	15.25	13.75
CR-864	8	6	4-1/2	19.99	18.35

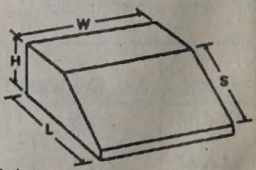
JIFFY BOX CHASSIS



.04" unpainted aluminum.
Push together to close and catches snap into place. A slight pressure opens box. Ideal where quick access is required. No hardware required.

Part#	Dimensions (in.) L	W	H	1-9	10-Up
J-870	2-3/4	2-1/8	1-5/8	$3.05	$2.77
J-871	2-3/4	2-1/8	2-3/4	4.99	4.79
J-872	3-1/4	2-1/8	1-1/8	3.08	2.75
J-873	3-1/2	2-1/8	1-5/8	3.29	2.99
J-874	4	2-1/8	1-5/8	3.47	3.09
J-875	4	2-1/4	2-1/4	4.19	3.75
J-877	4-1/4	2-1/4	1-1/2	3.45	3.09
J-878	5	2-1/4	2-1/4	4.49	4.05
J-879	5	4	3	6.25	5.59
J-880	5-1/4	3	2-1/8	4.95	4.45
J-881	6	5	4	8.79	7.89
J-882	7	5	3	8.89	7.99
J-884	10	6	3-1/2	12.79	11.49

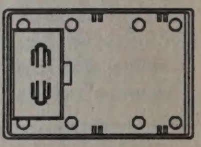
ALUMINUM MODULAR DESKTOP CONSOLES



.05" aluminum painted beige/ivory. Furnished with four white pressure sensitive rubber feet. Easy access for installation of components. *The length of the flat top is 1/2" of the total length. Hardware included.

Part#	Dimensions (in.) L	W	H	S	1-9	10-Up
MDC432-BI	4	3	2	2-1/2	$8.75	$7.99
MDC532-BI	5	3	2	2-7/8	9.75	8.95
MDC642-BI	6	4	2-1/4	3-3/8	11.75	10.59
MDC752-BI	7	5	2-1/2	3-7/8	13.19	11.89
MDC862-BI	8	6	2-3/4	4-1/2	16.89	15.25
MDC1042-BI	10	4.5	2-1/2	5-1/2	17.49	15.69
MDC1183-BI	11	8	3-1/2	6-1/8	25.45	22.89
MDC13104-BI	13	10	4	7-1/8	33.49	30.19
MDC15155-BI	15	15	4-1/2	8-1/4	52.99	47.95

HIGH IMPACT ABS WITH 9V BATTERY COMPARTMENT

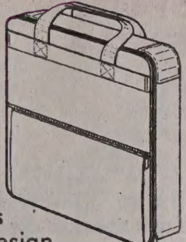


These UL high-impact ABS cases consist of durable scratch resistant black grain finish. They feature a 9 volt battery compartment, card guides for verticle mounting or circuit boards, and mounting bosses for horizontal circuit board. Hardware included.

Part#	Dimensions (in.) L	W	H	Verticle Card Pos.	MTG Bosses	1-9	10-Up
501	2-3/4	2-3/8	1-1/4	1	4	$4.89	$4.49
503	2-3/4	4-1/4	1-1/4	3	4	8.59	8.19
506	2-3/4	3	1-3/4	2	4	6.35	5.99
511	2-3/4	4-1/4	2-1/4	3	4	8.99	8.49
512	4-1/2	5-1/2	2-1/4	4	6	10.69	9.99

CASES

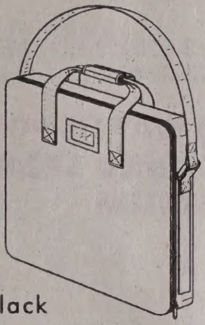
LAPTOP COMPUTER CARRYING CASE



Inside dimensions:
16″ x 13″ x 3″
These lightweight padded soft cases are made of durable black codura nylon. Has inside & outside pockets for storage. Vertical design. Ideal for all brands of laptops.

14-198..**$9.95**

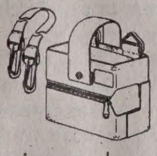
LAPTOP COMPUTER CARRYING CASE



Inside dimensions:
14″ x 15″ x 2-3/4″
Lightweight soft padded case. Inside pocket for storage. Made of durable black codura nylon.

14-200..**$9.95**

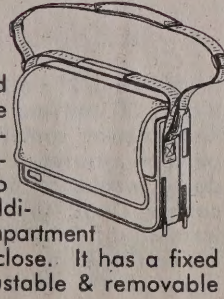
WALKMAN ZIPPER STYLE CARRYING CASE



4″sq x 2″ deep
Easy to hang your walkman from your exercise equipment or your belt. It features easy access for plug in car phone and velcro flap to access side selector buttons. It also has a pouch on the back to store the ear phones or your money. Constructed of codura nylon.

14-413..**$ .99**

CELLULAR PHONE CARRYING CASE



11″ x 7-1/2″ x 4″
This black padded case has two separate zipper closing compartments that contain a fixed velcro retaining strap in addition to the main compartment which has a velcro close. It has a fixed handle and an adjustable & removable shoulder strap.

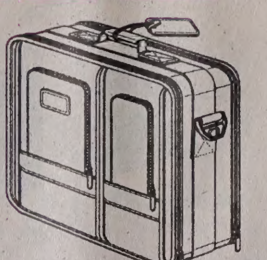
14-176........**Cordura Nylon**........**$3.95**
14-116.....**Leather Like Vinyl**.....**$3.95**

AT&T® PORTABLE COMPUTER CASE

AT&T

Deluxe

New



Mfg. - AT&T®
Mfg.# - 3122-K643-V00X
Black carrying case is made of "Ballistic" Nylon outer shell that resists water, abrasion and is self healing if punctured. Oversized nylon selfmending zippers. Top grain cowhide used on all trim and key stress points with double stitched seams. Padded carrying handle and padded removable adjustable shoulder strap. AT&T® stamped cowhide I.D. tag. Padlock and two keys for lockable laptop or printer storage compartments.

INSIDE COMPUTER STORAGE

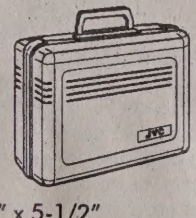
12″ x 10″ x 3″ removable laptop computer cellpack for additional protection.
10″ x 3″ x 3″ removable accessory pack for AC adapters, cables, etc.
16″ x 12″ x 2″ portable printer storage.
16″ x 11″ x 3″ interior compartment when laptop cellpack and accessory packs are removed. 8 assorted pockets to carry CD's, diskettes, PCMCIA cards, etc.

OUTSIDE BUSINESS STORAGE

11″ x 9-1/2″ exterior compartment that houses additional pockets within to hold plane tickets, calculators, pens, business cards, etc., and a key chain hook.
11″ x 6″ exterior compartment.
16″ x 11″ exterior notebook compartment.

14-414..**$49.95**

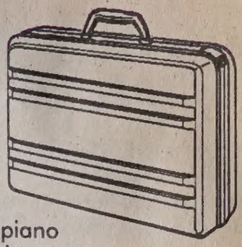
CAMCORDER CARRYING CASE



Mfg. - JVC
Mfg.# - CB-V35U
OD - 14-1/2″ x 10-1/4″ x 5-1/2″
Black molded hard shell plastic carrying case. In It's original packing. Features sure-lock latches and solid one piece handle. Intended for VHS JVC camcorder. Stores, carries and protects camcorders or other equipment.

14-410..**$12.95**

XTRA LIGHT XTRA STRONG TOOL CASE



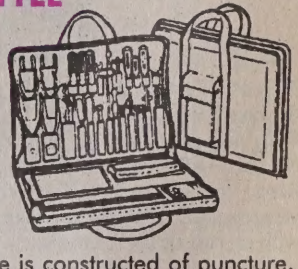
Mfg. - CHICAGO CASE
Black high impact polyethylene shell. Tongue and groove aluminum frame. Document pocket in lid. Full length piano hinge. Chemical resistant.

18″ x 13″ x 4-1/2″, 6 lbs. 10 oz.
One pallet case
14-403..**$74.95**

18″ x 13″ x 6″, 8 lbs
Two pallet case
14-404..**$99.95**

platt ZIPPER-STYLE CASE

- Ideal for Service Applications
- Tools Not Included



Mfg. - PLATT
This black case is constructed of puncture, abrasion and tear-resistant DuPont Cordura. Features two heavy-duty strap handles and a nylon molded zipper.

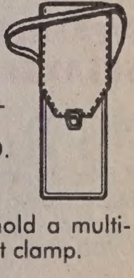
10″ x 7″ x 2″
Features fourteen interior sewn tool pockets and one pouch.

601ZT..**$32.50**

13″ x 10″ x 2″
Features two exterior meter pockets, one document pocket, twenty-nine sewn tool pockets and one meter pouch.

660ZT..**$64.50**

DELUXE METER CARRYING CASE

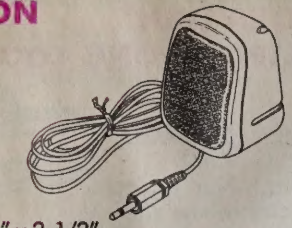


Mfg. - BECKMAN INDUSTRIAL
Mfg.# - DC215
8-1/4″ x 4-7/8″ x 3-1/2″ O.D.

Deluxe brown case with three compartments designed to hold a multimeter, test leads and a current clamp.

DC215..**$3.49**

EXTENSION SPEAKER

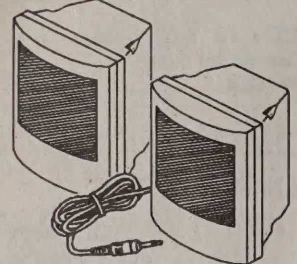


New

3-1/4" x 2-3/4" x 2-1/2"
8 ohm .5 watt
Bone plastic case with bone metal grill.
3-1/2ft cord with a 1/8" mono plug.

13-376.......................................**$1.69**

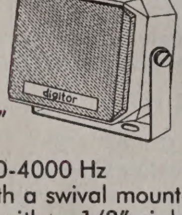
MULTI-MEDIA STEREO SPEAKER SYSTEM



3-3/4" W x 4-1/2" T x 3" D
8 ohm 1 watt
Freq response 100-12,000 Hz
3ft cord with 1/8" stereo plug.
Ideal for use use with "Walkman" type stereos, CD players or computer systems with stereo audio outputs.

13-322.......................................**$4.95**

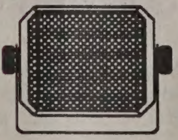
EXTENSION SPEAKER



Mfg. - DIGITOR
Mfg.# - D-2250
3-3/4" x 2-1/8" x 2-5/8"
8 ohm, 5 watt
Frequency response: 600-4000 Hz
Black plastic housing with a swival mounting bracket. 6ft cord with a 1/8" right angle plug. Mounting hardware included.

13-346.......................................**$7.95**

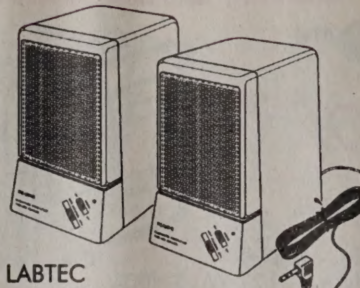
WEATHERPROOF SPEAKER



Mfg. - AT&T
3" x 2" x 2-1/2"
8 ohm 3 watt
Black plastic housing with a swival mounting bracket. 4-1/2ft cord with a 3.5mm (1/8") plug.

13-169.......................................**$8.95**

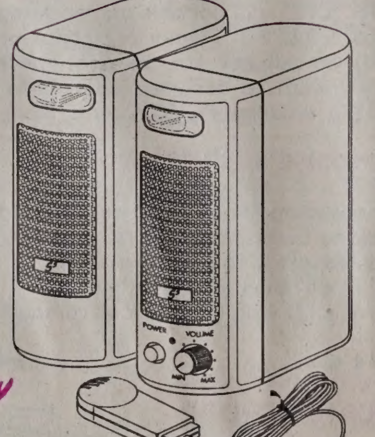
SHIELDED MULTIMEDIA SPEAKERS



Mfg. - LABTEC
Mfg.# - CS150
4-7/8" x 3-1/4" x 3-1/2"
Magnetically shielded speaker reduces monitor interference and prevents data loss. DXBB bass boost switch, treble boost switch and individual volume controls. 4 watts per channel speakers. Frequency response: 50-15,000 Hz. Requires 4 "C" cells or 6 VDC adapter (not included). Includes 4ft to source, 7ft to speaker cord with 1/8" stereo plug. Beige.

CS-150.......................................**$9.95**

SHIELDED MULTIMEDIA SPEAKERS

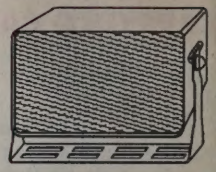


New

Mfg.# - SS8039
7-1/4" x 2-7/8" x 4-5/8"
10 watt Hi-Fi speaker system. Magnetically shielded speakers reduce monitor interference and prevents data loss. On/off power button with LED indicator and volume control. Includes AC adapter and 4ft to source 1/8" stereo plug, 7ft to speaker cord with RCA stereo plug. Also includes omnidirectional electret microphone with 7ft cord with a 1/8" stereo jack. Includes a monitor hanging clip with double face tape for mounting. Beige.

13-378.......................................**$24.95**

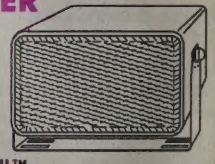
3 WAY WEATHERPROOF SPEAKER SYSTEM



7-1/4" x 4-1/2" x 4-3/8"
8 ohm, 50 watt max
Each speaker contains 4" 10 oz polypropylene woofer, 2" midrange and 1" dome tweeter. 55-20,000 Hz freq response. Die cast enclosure. Complete with mounting bracket, wire and hardware.

sold in pairs only
13-323..............White..........pair/**$54.95**
13-324..............Black...........pair/**$54.95**

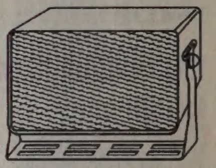
3 WAY HI-POWER DIGITAL SOUND SPEAKER SYSTEM



Mfg. - SOUND-MATES II™
8-7/8" x 6-1/8" x 5-1/4"
8 ohms, 60 watts max per channel
Delivers big speaker sound from bookshelf size speakers. Ported for maximum base response. Each speaker contains 5" 13 oz long excursion woofer w/high temp voice coil, 2" wide dispersion cone tweeter and 1" dome tweeter. 55-20,000 Hz freq. response compatible with 4&8 ohms.
Black high impact plastic with wire mesh grill. Can be wall or shelf mounted.

13-299...sold in pairs only....pair/**$64.95**

3 WAY WEATHERPROOF SPEAKER SYSTEM

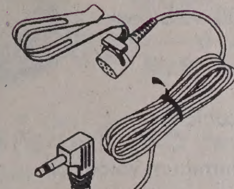


7-1/4" x 4-1/2" x 4-3/8"
8 ohm, 50 watt max
Each speaker contains 4" 10 oz air suspension woofer, 2" midrange and 1" dome tweeter all having polypropylene cones. Dual 70/25 volt built-in transformer. 55-20,000 Hz freq. response. Die cast enclosure. Complete with mounting bracket, wire and hardware.

sold in pairs only
13-300..............White..........pair/**$75.95**
13-301..............Black...........pair/**$75.95**

MICROPHONES

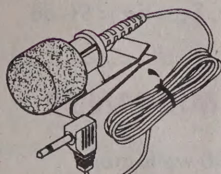
HANDS FREE MICROPHONE FOR CELLULAR TELEPHONE



Complete with visor clip. Fits Audiotel, AT&T and most model cellular phones. This microphone is for use with a built-in microphone driver (1.5-3VDC). 3.5mm (1/8") right angle plug, 20ft long cord.

13-372..**$2.79**

LAVALIER MICROPHONE

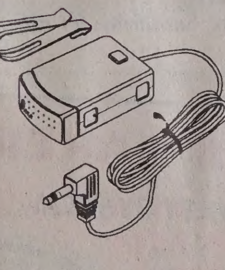


Mfg. - GE
Omnidirectional electret condenser microphone comes with visor clip. Cord has a 3.5mm plug. 50-18,000 Hz frequency response. -68 dB sensitivity.

13-305................10ft **$4.95**
13-312................18ft **$4.95**

MICROPHONE

AT&T®

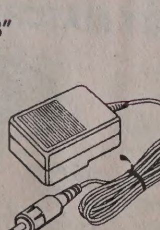


Mfg. - AT&T
2" x 1-3/8" x 3/4"
Comes with visor clip and a 6ft cord with a 2.5mm jack. Features a push to talk button and comes with a visor clip.

19-133..**$4.95**

ELECTRET MICROPHONE

1-5/16" x 15/16" x 5/8"

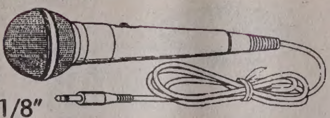


Black microphone has a 6ft cable and a 3.5mm jack. Velcro mtg square on back. Case has ample room to mount projects inside. It houses only the 3/8" dia microphone.

13-371..**$1.75**

UNIDIRECTIONAL MICROPHONE

New



8" long, 2" dia head 10' cable with 1/8" jack 600 ohm impedance. High impact ABS plastic body. Features on-off switch.

19-137..**$6.95**

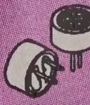
MINIATURE CONDENSER MICROPHONES

1/4" dia. x 3/16"
Omni-directional fet mic
2-10 VDC @ .5 mA
Freq response: 50 Hz - 16 KHz
High sensitivity. Ultra small size

13-175..**$1.00**
13-303...........With 3" wire...........**$1.00**

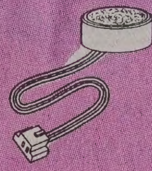
Mfg. - NATIONAL
Mfg.# - WM-034CX
3/8" dia. x 1/4"
4.5 VDC operating voltage (max 10V)
.8 mA max draw, Omni-directional
Freq response: 20-16,000 Hz
1700 ohm impedance (no load)

(1-99) (100-Up)
13-273..........................**$ .89**....**$ .75**



Mfg. - PANASONIC
Mfg.# - WM-54B
3/8" dia. x 1/8"
Omni-directional
2.5-10 VDC @ 500 mA. -44 ±2 dB sensitivity, 20-16,000 Hz. Built-in FET pre-amp

(1-99) (100-Up)
13-302..........................**$ .89**....**$ .75**



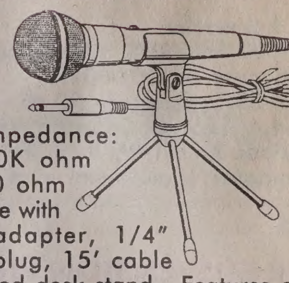
Mfg. - PANASONIC
Mfg.# - WM-52BH503
3/4" dia x 5/16"
2-1/2" lead
1.5 VDC operating voltage (10 VDC). 30mA max current, omni - directional.
Freq response: 20 - 16,000 Hz
Built-in FET pre-amp

13-368..**$ .69**

Mfg. - PRIMO
3/8" dia. x 5/16"
3-15 VDC @ 500 mA
Works great in any circuit, high or low impedance. Will replace mic's in phones, walkie talkies, tape recorders, etc. Extremely sensitive, great fidelity.

(1-99) (100-Up)
MIKE-ET..........................**$ .89**....**$ .75**

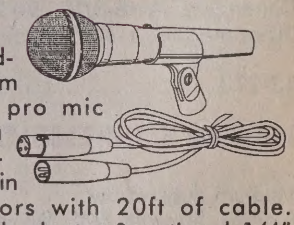
UNIDIRECTIONAL DYNAMIC MICROPHONE



Dual impedance: high 50K ohm low 600 ohm Complete with stand adapter, 1/4" phone plug, 15' cable and tripod desk stand. Features convenient ON/OFF, impedance switch.

19-124....................................**$19.95**

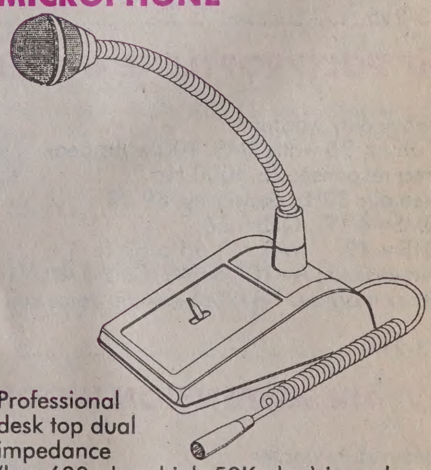
PRO UNIDIRECTIONAL DYNAMIC MICROPHONE



This low impedance 600 ohm black finish pro mic comes in a custom carrying case. 3 pin XLR connectors with 20ft of cable. Includes stand adapter & optional 1/4" phone plug.

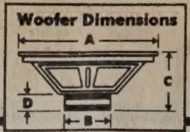
19-123....................................**$44.95**

ADJUSTABLE TABLE STAND MICROPHONE



Professional desk top dual impedance (low-600 ohm, high-50K ohm) is enclosed in heavy duty die cast zinc housing. Features a momentary talk switch for priority paging and a lock down switch for continuous use. Comes complete with 6" gooseneck extension and a 5' coil cord with Cannon type XLR connector.

19-125....................................**$69.95**



WOOFERS

6-1/2" SQUARE FRAME POLYPROPYLENE WOOFER

Heavy duty woofer
8 ohms, 50 watts RMS, 80 watts peak
Freq response: 45-10,000 Hz
Free air: 55Hz, Sensitivity: 90 dB
QMS=4.4, QES=.8, QTS=.65, VAS=71 cubic ft.
Dimensions: A=6-1/2", B=3-3/4", C=2", D=1-1/4"
20 oz magnet, 1" aluminum voice coil

13-220...**$12.95**

8" AIR SUSPENSION WOOFER

Extra-heavy duty woofer
8 ohms, 75 watts RMS, 150 watts peak
Freq response: 40-6000 Hz
Free air: 45Hz, Sensitivity: 92 dB
QMS=4.01, QES=.53,
QTS=.47, VAS=2.36 cubic ft.
Dimensions: A=8-3/8", B=5", C=2", D=1-3/8"
30 oz magnet, 1-1/4" aluminum voice coil

13-213...**$18.75**

10" AIR SUSPENSION WOOFER

Medium duty woofer
8 ohms, 50 watts RMS, 90 watts peak
Freq response: 32-5000 Hz
Free air: 35Hz, Sensitivity: 89 dB
QMS=4.32, QES=.62,
QTS=.54, VAS=11.65 cubic ft.
Dimensions: A=10", B=4", C=3", D=1-3/16"
20 oz magnet, 1-1/2" aluminum voice coil

13-215...**$19.95**

10" POLYPROPYLENE WOOFER

Heavy duty woofer
8 ohms, 75 watts RMS, 100 watts peak
Freq response: 28-4000 Hz
Free air: 30Hz, Sensitivity: 89 dB
QMS=4.19, QES=.56,
QTS=.49, VAS=11.65 cubic ft.
Dimensions: A=10", B=4", C=2-7/8", D=1-3/16"
20 oz magnet, 1-1/2" aluminum voice coil

13-214...**$21.95**

12" AIR SUSPENSION WOOFER

Heavy duty woofer
8 ohms, 70 watts RMS, 100 watts peak
Freq response: 26-5000 Hz
Free air: 30Hz, Sensitivity: 89 dB
QMS=4.1, QES=.65,
QTS=.56, VAS=12.7 cubic ft.
Dimensions: A=12", B=4", C=3-3/4", D=1-3/16"
20 oz magnet, 1-1/2" aluminum voice coil

13-217...**$26.95**

12" POLYPROPYLENE WOOFER

Heavy duty woofer
8 ohms, 70 watts RMS, 100 watts peak
Freq response: 25-4000 Hz
Free air: 30Hz, Sensitivity: 89 dB
QMS=4.2, QES=.5,
QTS=.36, VAS=12.7 cubic ft.
Dimensions: A=12", B=4", C=3", D=1-3/16"
20 oz magnet, 1-1/2" aluminum voice coil

13-216...**$27.95**

COSMETICALLY MATCHED SPEAKER SETS

1-3/4" TWEETER

2-9/16" OA dia, 8 ohm, 15 watts max
2 oz magnet, 3/4" voice coil
Freq response: 3-20 KHz, Sensitivity: 90 dB

13-206...**$1.99**

5" CLOSED BACK MIDRANGE

5-1/2" OA dia, 8 ohm, 30 watts max
6-1/2" oz magnet, 1" voice coil
Freq response: 1-10 KHz, Sensitivity: 91 dB

13-205...**$3.75**

8" AIR SUSPENSION WOOFER

8 ohm, 60 watts max, 20 oz magnet
1" aluminum voice coil
Freq response: 40 Hz-4 KHz
Free air resonance: 36 Hz, Sensitivity: 91 dB

13-204...**$10.95**

SPECIAL SPEAKER SETS

10" 2-WAY 75 WATT SYSTEM

8 ohm, 75 watts max. 16 oz magnet, 3" paper cone tweeter and one 2-way, 75 watt terminal type crossover network.

13-222....................**$16.90**

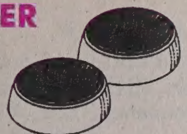
10" 3-WAY 100 WATT MATCHED SHIELDED SYSTEM

Mfg. - ZENITH
8 ohm 10" square frame air suspension woofer 100 watt max with shielded magnet, one 4-1/2" square frame shielded midrange and one 3" square frame tweeter. Freq. response: 20-20,000 Hz. Frame color is black. Can be used with monitors.

13-289.......................................**$19.95**

TWEETERS • SPEAKERS

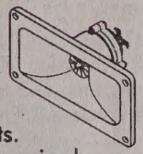
2" AUTOMOTIVE SURFACE MOUNT TWEETER



Mfg. - MOTOROLA
Mfg.# - KSN 1193A
2" dia. x 7/8"
Frequency response: 5 KHz - 30 KHz
Sensitivity: 88 dB @ 1m/1w
50 watt RMS, 100 watt max.
Automotive grade ABS plastic tweeters with high impact metal screen allows for maximum performance. All mounting hardware and 3ft of wire included.

13-328..............................pair/**$10.95**

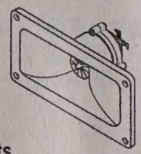
MIDRANGE HORN/TWEETER



Motorola# KSN1025A
3-1/8" x 7-3/8"
Hole: 2" x 5-1/4"
17-30 volts. Approx. 40 watts.
Piezo design. No crossover required.

13-200......................................**$5.95**

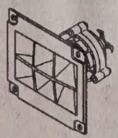
HORN



Motorola# KSN1016
2" x 5", Hole: 4" x 2"
17-37 volts, Approx. 50 watts.
Piezo tweeter has wide dispersion design. No crossover required.

13-201......................................**$5.99**

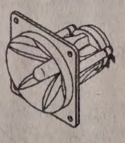
CELLULAR HORN



Motorola# KSN1134A
3-3/4" x 3-1/2"
20-30 volts, Approx. 50 watts
This piezo tweeter features a wide dispersion horn with cellular diffusion sound distribution. No crossover required.

13-202......................................**$5.49**

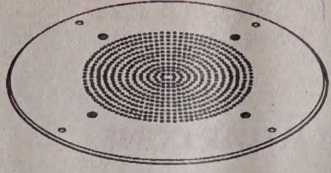
PIEZO TWEETER



Motorola# KSN1005A
3-3/8" x 3-3/8" x 2-5/8"
Hole: 3", 20-30 volts
Approx. 50 watts. Will produce crisp, clean highs. Impedance 1000 ohms at 1 KHz, over 20 ohms at 40 KHz. No crossover required.

KSN1005A.................................**$3.95**

CEILING SPEAKERS

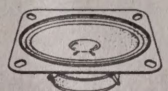


8 ohm 8" speakers with line transformers mounted on a 13" white metal grill and wired. 6 oz magnet weight.

70 volt 10 watt transformer
13-360......................................**$17.49**

WITH VOLUME CONTROL
70/25 volt 5 watt transformer
13-361......................................**$22.95**

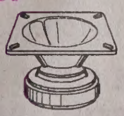
3" TWEETER



8 ohm, 40 watts
3-11/16" dia. x 1/8" D
Square frame
3/4" aluminum voice coil

13-249......................................**$1.75**

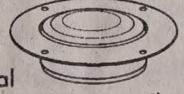
3-1/2" SUPER BULLET TWEETER



8 ohm, 80 watts nominal
10 oz magnet, Freq response:
4,000-19,000 Hz, Sensitivity: 100 dB

13-208......................................**$7.95**

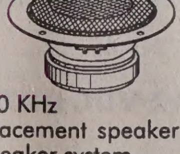
TITANIUM DOME TWEETER



5" dia
3-3/16" hole to hole
8 ohm, 50 watts nominal
11 oz magnet. High temp 1" voice coil
Freq response: 5-20 KHz
Sensitivity: 92 dB

13-210......................................**$11.50**

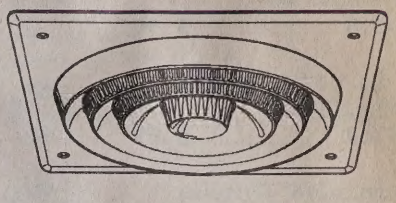
5" MIDRANGE W/GRILL



8 ohm
70 watts max
10 oz magnet
Freq response: 800 Hz-10 KHz
Sealed back design replacement speaker for MTX Road Thunder speaker system. #'s MTZ55HB, MTX445B & Pioneer #FD10DP61-56F-Q.

13-207......................................**$6.50**

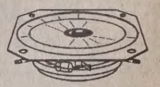
8" PUBLIC ADDRESS SPEAKER SYSTEM



10" sq. w/8" speaker
3" deep, 8 ohm, 15 watt max
Premounted 70.7V, 10 watt transformer
Preassembled for fast installation.
Recessed plastic ceiling diffuser battle.

13-225......................................**$13.25**

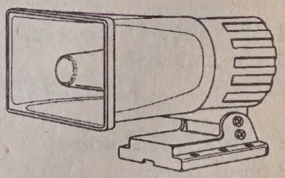
2" TWEETER



Mfg. - PANASONIC
Mfg.# - EAS-5PH01J
2" sq. x 3/4", 4 ohm, 2 watt
1/2" aluminum voice coil

13-291......................................**$1.50**

WEATHERPROOF ALARM SPEAKER

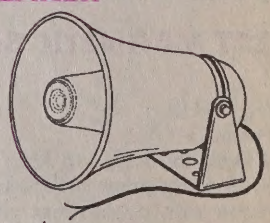


8 ohm
30 watts peak
Freq response: 450-10,000 Hz
Heavy duty white ABS plastic. Bracket pivots to 90°. Indoor/Outdoor (Weatherproof).

13-277.............**5" x 8"**............**$19.95**

WEATHERPROOF ALARM SPEAKER

New



8"dia x 8" deep
8 ohm 30 watts peak
Weatherproof school bus yellow high impact ABS plastic cone, metal body. Very high quality.

13-379......................................**$12.95**

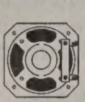
SPEAKERS • BUZZERS

PAPER CONE SPEAKERS

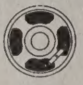
1-3/4" dia. x 5/8" D (SQUARE)
16 ohm, .3 watt
13-318......................$ .99

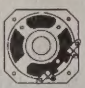
2" dia. x 3/4" D (ROUND)
8 ohm, .2 watt
13-363......................$ .99

2" dia. x 3/4" D (SQUARE)
8 ohm, .2 watt
13-319......................$ .79

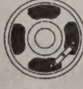

2"dia x 3/4" D (SQUARE)
8 ohm, .2 watt
5" color coded leads
13-342......................$ .79

2-1/4" dia. x 3/4" D (ROUND)
8 ohm, .2 watt
13-341......................$ .99


2-1/4" dia. x 3/4" D (ROUND)
8 ohm, .5 watt
13-362......................$ .99


2-5/8" dia. x 3/4" D (SQUARE)
8 ohm, .3 watt
13-243......................$ .99

2-5/8" dia. x 1" D (ROUND)
8 ohm, 1.5 watt
13-343......................$ .99


3" dia. x 7/8" D (ROUND)
8 ohm, .5 watt
13-172......................$ .99

3-5/8" dia. x 1-1/8" D (ROUND)
8 ohm
13-248......................$ .99

3-5/8" dia. x 1-1/8" D (SQUARE)
16 ohm, 3 watt
13-348......................$ .99

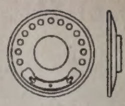
FLAT MAGNETIC SPEAKER

Mfg. - FUJI
8 ohm
.4 Watt, 600 Hz - 6 kHz/
70dB frequency response. Plastic ABS frame with a stainless steel diaphragm and a ferrite magnet.

1-9/16" sq. x 1/8" thin
1-7/8" mtg centers

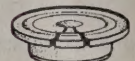
13-297......................................$ .99

ULTRA THIN


1-13/16" dia x 3/8" D (ROUND)
8 ohm, 1.5 watt, Paper cone.

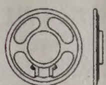
13-347......................................$1.00

MINI MYLAR CONE


1" dia. x 3/8" D (ROUND)
8 ohm, .1 watt
Freq. response: 700-3500 Hz

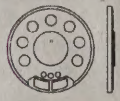
13-184......................................$ .75

ULTRA THIN MYLAR


1-7/16" round x 3/16" thick
8 ohm, .3 watt
Mylar cone speaker

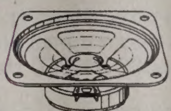
13-309......................................$1.00

ULTRA SLIM MYLAR


1-27/64" dia. x 1/8" D
8 ohm, .3 watt
13mm voice coil
Freq. response: 10 Hz to 5 KHz,
81.5 dB/W (1M)

13-250......................................$1.00

8 OHM 10 WATT POLYPROYLENE


3-1/2"sq x 1-5/16" deep
2-3/8"dia magnet

New
13-377......................................$2.25

8 OHM 10 WATT 4" SPEAKER

Mfg. - DANA
4" speaker in a 4-3/4" frame
3-3/8" mounting centers
1-3/4" deep, 2-3/8" dia magnet
3/4" dia aluminum voice coil

13-344......................................$3.99

12 VDC BUZZER

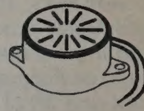
7/8" x 1/4"
1-1/8" mtg centers
12 VDC, 10 mA

13-367......................................$ .99

12 VDC BUZZER

7/8"dia x 1/2"
6-16 VDC @ 10 mA
Min. 80 dB @ 30 cm
Frequency 3.5 ± .4 KHz

PC PIN TYPE
13-352......................................$1.35

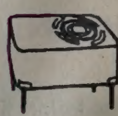

LEADWIRE TYPE
13-353......................................$1.35

12 VDC PIEZO BUZZER

7/8" x 1/2"
3-16 VDC @ 15 mA
15 mA. Min. 90 dB.
Frequency 3.3 ± .5 KHz.
Leadwire terminal.

	(1-99)	(100-Up)
13-355	$1.75	$1.59

12 VDC MINI BUZZER


7/8" x 5/8" x 9/16"
12 VDC @ 25 mA,
75 dB, Ivory

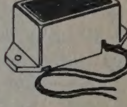
13-252......................................$ .99

24 VDC MINI BUZZER

7/8" x 5/8" x 9/16"
24 VDC @ 25 mA,
75 dB, Ivory

13-274......................................$ .75

12 VDC BUZZER


7/8" x 5/8" x 9/16"
6-16 VDC @ 20 mA
Min. 85 dB @ 20 cm.
Screw mounting with leadwire terminals.

	(1-99)	(100-Up)
13-354	$1.75	$1.59

12 VDC BUZZER

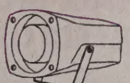
Mfg. - MURATA
Mfg.# - PKB24SPC-3601
15/16" dia x 3/8" ht
Operates 3-15 VDC. 16 mA, 90 dB @ 12 VDC. Encased piezo alarm with internal circuitry. PC leads.

	(1-99)	(100-up)
13-327	$1.50	$1.25

SIRENS • SONALERTS

PIEZO SIRENS

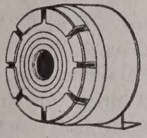
1-5/8"



1-5/8" x 2-1/4" x 1-1/2"
6-12 VDC @ 170 mA
110 dB high frequency "chirping"
High impact black ABS plastic, metal bracket

SSP-1...**$7.95**

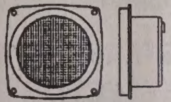
2-1/4"



2-1/4" x 1-1/2"
6-12 VDC @ 300 mA
115 dB Euro high-low pitch
High impact black ABS plastic, metal bracket

SSP-2...**$9.95**

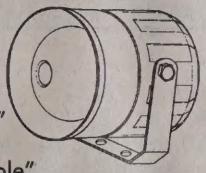
3"



3" x 3" x 1-1/4"
Operates on 6-12 VDC
<70 dB. Black steel case with perforated aluminum grill. Ideal for home or auto security. Solder terminals.

13-310.......................................**$2.99**

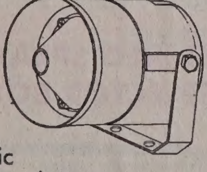
3-5/8"



3-5/8" x 3-1/4" x 3-5/8"
6-12 VDC @ 300 mA
120 dB high freq "warble"
High impact black ABS plastic

SSP-3.......................................**$12.95**

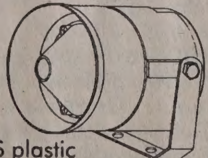
4-1/8"



4"(L) x 4-1/8" (dia)
6-14 VDC @ 900mA
30 watt, 120 dB
Warble or steady tone
High impact ABS plastic
With metal mounting bracket

13-366...............Black.................**$9.95**
13-374...............White................**$8.95**

4-1/8"



4" x 4-1/8"
6-14 VDC @ 900mA
120 dB warble tone
High impact black ABS plastic
With metal bracket

New

13-375.......................................**$8.95**

4" ALARM SIREN

4" x 3-3/4"
6-12 VDC @ 750 mA
20 watts, 120 dB warble tone
Heavy duty black weatherproof ABS plastic

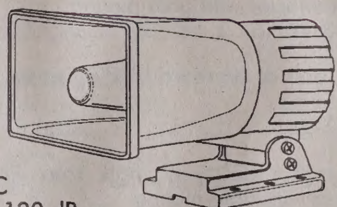
13-313...................................**$10.95**

5" ALARM SIREN

6-12 VDC @ 500 mA
15 watts, 115 dB
Freq response: 800-1200 Hz
1.5 cycles/sec yelp & steady
Heavy duty white weatherproof ABS plastic

13-275...................................**$10.95**

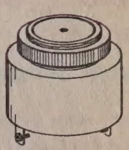
WEATHERPROOF ALARM SIREN



6-12 VDC
30 watts, 120 dB
Heavy duty white ABS plastic. Bracket pivots to 90°. Dual tone warbling and steady. Indoor/Outdoor (Weatherproof).

1.75 amp
13-351............**5" x 8"**............**$19.95**

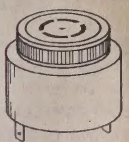
SONALERT TYPE BUZZER



1-3/4" x 1-3/4" deep
4-28 VDC @ 15 mA
95 dB, Black, panel mount
Continuous tone
Frequency 2.9 KHz ± 0.5%

13-161.......................................**$4.95**

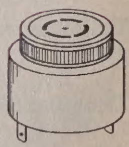
12 VDC BUZZER



Mfg. - PANASONIC
Mfg.# - EAL-129A
3-14 VDC @ 2 mA
Continuous tone @ 55 dB
Mounts in a 1" dia. hole, 13/16" deep

13-295.......................................**$2.99**

SONALERT TYPE BUZZER



Mfg. - PANASONIC
Mfg.# - EAL-129B
Pulsating tone @ 68-80 dB
Black, 3-14 VDC
Mounts in a 1" dia. hole

13-298.......................................**$3.99**

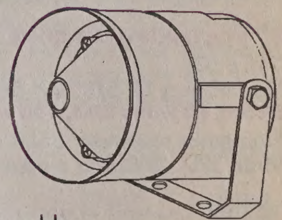
12 VDC SUPER BUZZER

1-1/2" dia x 15/16" T
1-7/8" mtg centers
12 VDC @ 10mA
90 dB. Produces clear penetrating sound. 5" leads.

13-369.......................................**$1.75**

FIRE-FIRE-FIRE-FIRE-FIRE
BURGLAR-BURGLAR-BURGLAR-BURGLAR
PLUS WARBLE & STEADY TONE

Talking Siren



4"(L) x 4-1/8" (dia)
12 VDC, 1.2 amp
30 watt, 120 dB
High impact black ABS plastic. With metal mounting bracket.

FIRE
Hook-up White & Black wires and man says **Fire** 5 times, then warble siren sounds for 5 seconds in between voice.

BURGLAR
Hook-up Red & Black wires and man says **Burglar** 5 times, then warble siren sounds for 5 seconds in between voice.

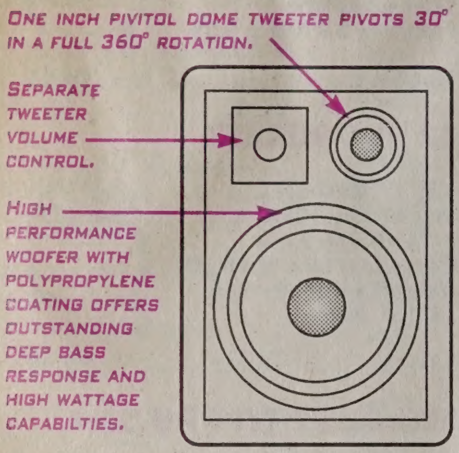
13-365...**$29.95**

IN-WALL SPEAKER SYSTEMS

the Concert Series

PIVOTAL IN-WALL SPEAKER

WITH SEPARATE VOLUME CONTROL


ONE INCH PIVITOL DOME TWEETER PIVOTS 30° IN A FULL 360° ROTATION.
SEPARATE TWEETER VOLUME CONTROL.
HIGH PERFORMANCE WOOFER WITH POLYPROPYLENE COATING OFFERS OUTSTANDING DEEP BASS RESPONSE AND HIGH WATTAGE CAPABILTIES.

- Pivitol tweeter with separate volume control and circuit breaker
- Deep bass woofer
- All weatherproof speakers
- Quick connect speaker terminals
- Includes all mounting hardware and easy to follow instructions
- White speaker grill, painting mask, cut out template and preconstruction brackets included.

6" PAPER CONE WITH POLYPROPYLENE COATING

12" x 8-5/8"
Mounts in a 11" x 7-1/2" hole.
8 ohm, 60 watts RMS, 80 watts maximum
Frequency response: 40Hz - 20KHz.
90dB SPL. 2500 Hz crossover frequency.

13-358......................................**$69.95**

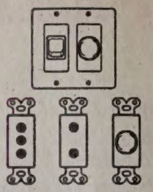
8" POLYPROPYLENE CONE

14" x 10"
Mounts in a 12-5/8" x 8-5/8" hole.
8 ohm, 80 watts RMS, 100 watts maximum
Frequency response: 35Hz - 20KHz.
90dB SPL. 2000 Hz crossover frequency.

13-359......................................**$94.95**

NO
MINIMUM
ORDER

DECORA VOLUME CONTROLS AND ACCESSORIES



Wall plates are not included. Sold separately below - numbers 13-270, 13-271 & 13-272.

25 watt stereo, 10 step, 8 ohm volume control/attenuator
13-257......................................**$31.95**

10 watt, 70 volt, 10 step volume control/attenuator
13-258......................................**$16.95**

25 watt, 70 volt, 10 step volume control/attenuator
13-259......................................**$19.95**

3-way splitter
13-260......................................**$7.99**

A/B switch for control of 2 amplifiers
13-261......................................**$14.95**

1 pair of heavy duty binding posts metal connector with gold plating
13-262......................................**$8.99**

1 pair of standard binding posts with gold plating
13-263......................................**$6.99**

Double RCA and single coax (F) connectors with gold plating
13-264......................................**$5.99**

Double RCA connectors with gold plating
13-265......................................**$5.99**

Double coax (F) connectors with gold plating
13-266......................................**$5.99**

Double set of banana jacks with gold plating
13-267......................................**$7.95**

Single set of banana jacks with gold plating
13-268......................................**$5.99**

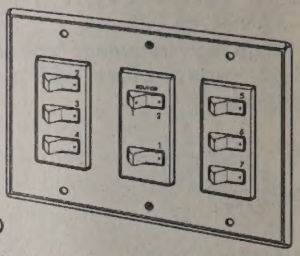
Single coax (F) connector with gold plating
13-269......................................**$4.75**

Single heavy duty metal white decora plate with screws
13-270......................................**$2.40**

Double heavy duty metal white decora plate with screws
13-271......................................**$3.49**

Triple heavy duty metal white decora plate
13-272......................................**$4.49**

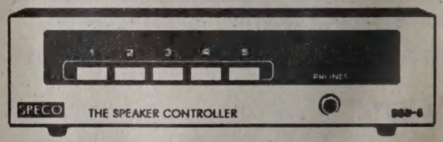
DECORATIVE STYLE STEREO WALL MOUNT SPEAKER SELECTOR



Mfg. - SPECO
75 watts RMS,
150 watts max per channel.
Controls up to 7 pairs of speakers with heavy duty rocker switches complete with heavy duty triple gang plate. Maintains impedance of 4, 8 and 16 ohm speakers. 2 amplifier inputs. White.

13-357......................................**$99.00**

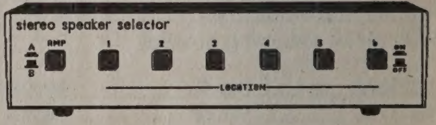
STEREO SPEAKER SELECTOR BOX


1
2
3
4
5
PHONES
SPECO
THE SPEAKER CONTROLLER

Mfg. - SPECO
8" x 4" x 2-1/2"
50 watts RMS per channel. Circuit breaker protected. Headphone jack for monitoring. Switch On or Off up to five speakers simultaneously or individually.
Impedance matching.

13-306......................................**$36.95**

STEREO SPEAKER SELECTOR BOX

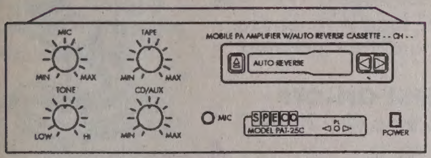

stereo speaker selector
A
AMP
B
1
2
3
4
5
6
LOCATION

Mfg. - CSI
2-3/4" x 7" x 14"
180 watts RMS per channel. Circuit breaker protected. High power 2 amplifier input. Controls 6 pairs of speakers. Output switching from amplifier A or B to 6 independently controlled pairs of speakers. Impedance matching.

13-308......................................**$109.95**

AUDIO INDICATORS

25 WATT 12 VDC MOBILE P.A. AMPLIFIER

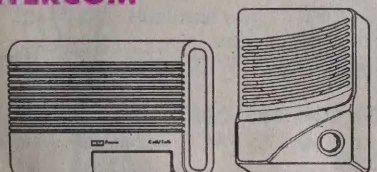


- Amplifier with auto reverse cassette
- Tone control with mounting brackets and suction cup
- Priority page on mic

Specifications: **Power:**
25 watts RMS @ 8 ohms.
Frequency Response:
20 Hz to 20 kHz.

19-114....................................**$84.95**

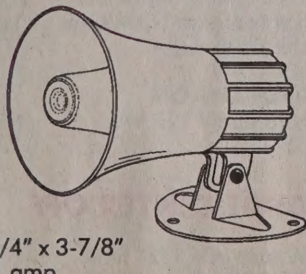
WEATHERPROOF INTERCOM



Mfg. - SPECO
Outdoor station:
2-3/4"(L) x 1"(W) x 3-5/8"(H)
Inside unit:
4-1/2"(L) x 3-1/4"(W) x 1-1/4"(H)
Can use existing doorbell wiring and ring existing doorbell. Also will work with alarm panels. Built-in electronic chime. Two wire hook-up. 12 VDC operation.

19-122....................................**$29.95**

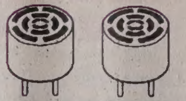
MULTI-TONE SIREN



4-1/4" x 3-1/4" x 3-7/8"
12 VDC @ 1 amp
6-sound 120 dB siren for alarm systems. 6 unique sounds change every 5-6 seconds. Fully programmable. Compatible with most alarm systems. Weather resistant.

13-178....................................**$10.95**

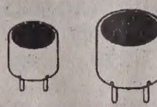
ULTRASONIC TRANSDUCER



Mfg. - MURATA ERIE
Mfg.# - MA40A3S/R
5/8" x 1/2"
Combination of transmitter and receiver designed to work at 40 KHz. 1300 pF capacitance. 50° directivity, 110 dB min sound pressure.

13-334..........................one pair/**$3.50**

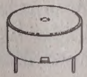
ULTRASONIC TRANSDUCER



Mfg. - PROJECTS
UNLIMITED
Mfg.# - SQ-25R/SQ-25T
This transducer is a combination transmitter and receiver designed to operate at 25 KHz. Ideal for alarms. Transmitting sensitivity 105 dB, receiving sensitivity 53 dB. Capacitance 2800 pF.

13-140..........................one pair/**$3.50**

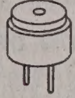
TRANSDUCER



Mfg. - MURATA ERIE
Mfg.# - PKM13EPP-4002
1/2" dia x 1/4" H
70 dB @ 10cm @ 3 Vp-p
For both single tones and sound effects. Encased. Requires external drive. No internal circuitry.

13-370..**$ .35**

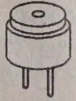
MINIATURE AUDIO TRANSDUCER



Mfg. - CITIZEN
Mfg.# - CB-16BP-12B
5/8" dia. x 9/16"
12 VDC, 24 mA, 85 dB
2,048 Hz resonant frequency.

13-335..**$ .35**

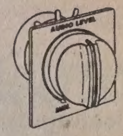
MINIATURE AUDIO TRANSDUCER



Mfg. - STAR
Mfg.# - QMB-06
5/8" x 1/2", 3-12 VDC operating voltage (40 mA). Coil resistance 30 ohm. Coil impedance 100 ohm. Sound output 85 dB. Resonant frequency 2048 Hz. Sealed against wave solder contamination.

13-329..**$ .50**

L-PADS

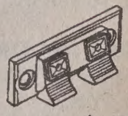


Used to adjust the relative volume of individual drivers in a speaker system. Maintains a constant 8 ohm impedance.

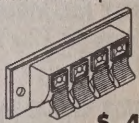
Part#	Type	Price
13-194	15W Mono	$2.99
13-240	15W Stereo	4.55
13-294	30W Mono	3.25
13-196	50W Mono	4.99
13-197	50W Stereo	8.75
13-198	100W Mono	7.50
13-199	100W Stereo	10.99

SPEAKER TERMINALS

High quality plastic construction. Color coded. Push button insert wire.

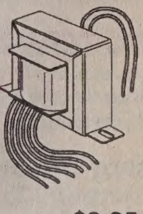


Dual
2-1/8" x 13/16"
DPT..**$ .25**



4 Terminal
2-3/4" x 13/16"
74-442...**$ .45**

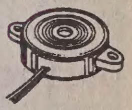
LINE MATCHING TRANSFORMER



8 ohms. Full freq. response 70.7 line output. Isolated windings Primary taps: .63, 1.25, 2.5, 5 & 10 watts.

56-254...**$3.25**

AUDIO TRANSDUCER



Mfg. - PROJECTS UNLIMITED
Mfg.# - AT-12M
1" dia. x .165"H
Flange mount 1.14" on ctr.
Resonant freq 6000 Hz, freq range: 4500-7500 Hz. Sound pressure level 68-70 dB voltage (Vpp) 1-3. No electronics, transforms AC voltage to sound pressure waves when stimulated with a sound pressure wave.

13-142...**$ .49**

MINIATURE AUDIO TONE TRANSDUCER

Mfg. - MATSUSHITA, #12RT04CC
5/16" dia. x 17/32" H
Use in circuits where audio signal or microprocessor clock already exists to create an audible tone. PC mount.

	(1-99)	*(100-Up)*
13-126	**$ .25**	**$ .12**

TOGGLE SWITCHES

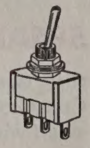
SUB MINIATURE TOGGLE

Mounts in a 3/16" hole
Solder lug terminals
Hardware included

SPDT ON-ON
3 amp @ 125 VAC
51-212..**$1.09**

DPDT ON-ON
3 amp @ 125 VAC
51-213..**$1.29**

SPDT TOGGLE



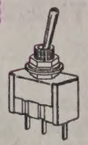
Mounts in a 1/4" hole. Solder lug terminals. Hardware included

SPDT ON-ON
6 amp @ 125 VAC (1-249) (250-Up)
51-268.............................**$ .75**....**$ .59**

SPDT MOMENTARY
6 amp @ 125 VAC
51-289..**$ .79**

SPDT ON-OFF-ON, CENTER OFF
6 amp @ 125 VAC (1-249) (250-Up)
51-269.............................**$ .89**....**$ .65**

PC TERMINAL TOGGLE

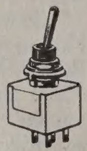


Mounts in a 1/4" hole
PC terminals. Hardware included

SPDT ON-ON
5 amp @ 125 VAC (1-249) (250-Up)
SW12PC.............................**$ .79**....**$ .75**

DPDT ON-ON
5 amp @ 125 VAC (1-249) (250-Up)
SW13PC.............................**$ .75**....**$ .59**

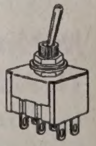
DPST TOGGLE



Mounts in a 1/4" hole. Solder lug terminals. Hardware included

DPST ON-OFF
6 amp @ 125 VAC
51-323..**$ .85**

DPDT TOGGLE

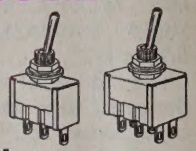


Mounts in a 1/4" hole. Solder lug terminals. Hardware included

DPDT ON-ON
5 amp @ 125 VAC
51-270..**$ .45**

DPDT ON-OFF-ON, CENTER OFF
6 amp @ 125 VAC (1-249) (250-Up)
51-271.............................**$1.25**...**$1.09**

MOMENTARY -OFF- MOMENTARY TOGGLE

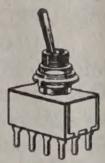


Center off
Mounts in a 1/4" hole
Solder lug terminals
Hardware included

SPDT MOM-OFF-MOM
6 amp @ 125 VAC (1-99) (100-Up)
51-219.............................**$1.50**....**$1.35**

DPDT MOM-OFF-MOM
6 amp @ 125 VAC (1-99) (100-Up)
51-220.............................**$1.75**....**$1.59**

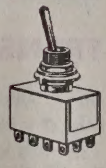
4PDT TOGGLE



Mfg. - C&K, #7401
PC terminals

ON-ON
.4 vA max
51-375..........*New*..........**$4.49**

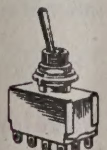
4PDT CENTER OFF TOGGLE



Mfg. - CK, #7403
Mounts in a 1/4" hole
Solder lug terminals
Hardware included

ON-OFF-ON
.4 vA max
51-367..**$4.95**

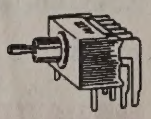
4PDT CENTER OFF



Mfg. - JBT
Solder lug terminals
Mounts in a 1/4" hole
Hardware included

ON-OFF-ON
5 amp @ 125 VAC
51-310..**$5.95**

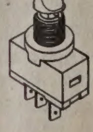
4PDT TOGGLE



Mfg. - ALCO, #TT41PGRA1
Mounts in a .19" hole
PC terminals, right angle, bushing is non-threaded.

4PDT, ON-NONE-ON
.4vA max @ 20 VDC or peak AC
91-344..**$ .45**

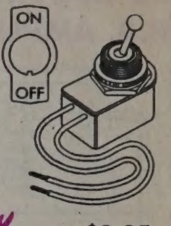
LIGHTED TOGGLE



Mfg. - SWAN
Mounts in a 1/2" hole
1/4" quick tab hook-up
12 VDC red illuminated handle

SPST
51-378..**$2.29**

SPST TOGGLE

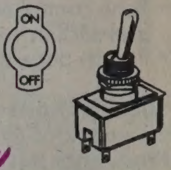


Mounts in a 1/2" hole
6" long wire leads
Hardware included

SPST ON-OFF
6 amp @ 125 VAC

51-378..........*New*..........**$1.25**

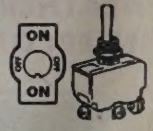
SPST TOGGLE



Mounts in a 1/2" hole
Solder tab terminal
Hardware included

SPST ON-OFF *New*
4 amp @ 125 VAC (1-99) (100-Up)
51-379.............................**$ .99**....**$ .89**

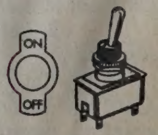
SPDT CENTER OFF



Mounts in a 1/2" hole
Three #6-32 screw terminals
Hardware included.
Includes ON/OFF/ON plate

SPDT ON-OFF-ON
10 amp @ 125 VAC (1-99) (100-Up)
51-324.............................**$1.65**....**$1.35**

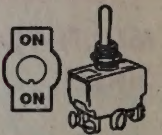
DPST TOGGLE



Mounts in a 1/2" hole
Solder lug terminals
Hardware included

DPST ON-OFF
4 amp @ 125 VAC (1-99) (100-Up)
51-321.............................**$1.10**....**$ .95**

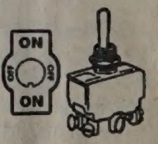
DPDT TOGGLE



Mounts in a 1/2" hole
#6-32 screw terminals
Hardware and ON/ON plate included.

DPDT ON-ON
10 amp @ 125 VAC (1-99) (100-Up)
51-322.............................**$1.75**....**$1.49**

DPDT CENTER OFF

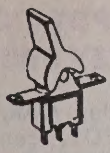


Mounts in a 1/2" hole
#6-32 screw terminals
Hardware included
Includes On/Off plate

DPDT ON-OFF-ON
10 amp @ 125 VAC (1-99) (100-Up)
51-225.............................**$1.99**....**$1.75**

SWITCHES

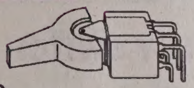
LEVER SWITCH



Mfg. - CK
Mfg.# - 7115CK
Small lever handle. Panel mounted switch.

SPDT ON-ON
5 amp @ 120 VAC
51-272..$ .45

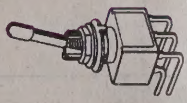
DPDT LEVER SWITCH



Mfg. - DIALIGHT
Mfg.# - 570-21
PC terminals, right angle
Small lever handle

DPDT ON-ON
5 Amp @ 125 VAC
51-292..$ .25

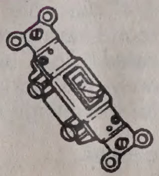
DPDT LOCKING TOGGLE



Mfg. - C&K
Mfg.# - 7201
PC right angle mount
Hardware included

DPDT
5 amp @ 120 VAC
91-246..$ .60

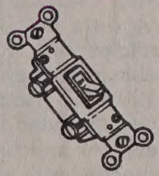
SPST WALL SWITCH Ⓤ Ⓢ



Mfg. - LEVITON
Mfg.# - 1330
Brown SPST standard wall switch. 5 amp @ 250 V
10 amp @ 125 VAC

51-223..$ .19

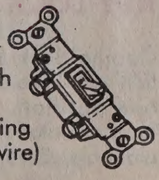
THREE WAY WALL SWITCH Ⓤ Ⓢ



Mfg. - LEVITON
Mfg.# - 1531-I
Ivory 3-way wall switch
5 amp @ 250V
10 amp @ 125 V-T

51-222..$ .35

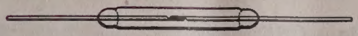
SILENT WALL SWITCH Ⓤ Ⓢ



Mfg. - LEVITON
Mfg.# - 2281451B
Brown SPST silent wall switch
15 amp @ 120 VAC
Features side or push in wiring
(Accepts #12 & #14 solid wire)

51-224..$ .39

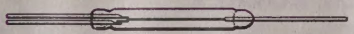
REED SWITCHES



Single pole, normally open, magnet actuated. Hermetically sealed glass reed switches.

	(1-99)	*(100-Up)*
.622" glass length - .097" dia 51-304	$ .25	$ .23
.832" glass length - .133" dia 51-239	$ .25	$ .23
.854" glass length - .115" dia 51-301	$ .25	$ .23
1.095" glass length - .15" dia 51-241	$ .25	$ .23
1.097" glass length - .15" dia 51-206	$ .30	$ .27
1.14" glass length - .147" dia 51-144	$ .25	$ .23
1.153" glass length - .1" dia 51-208	$ .35	$ .32
1.44" glass length - .199" dia 51-145	$ .30	$ .27

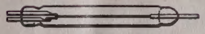
SPDT REED SWITCH



Mfg. - HAMLIN, Mfg.# - MDRR-DT
.55" glass length - .095" dia
SPDT mini magnetic dry reed switch.
15-25 ampere turn pull in range.

51-263..$ .75

SPDT REED SWITCH

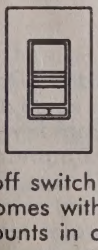


Mfg. - HAMLIN, #DRR-DTH
.2" dia x 1.4" glass length. 50-80 ampere turn pull-in range. Form C dry reed switch. Hermetically sealed

51-343..$ .75

51-348..$ .99

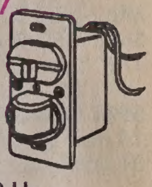
SLIDE DIMMER



Mfg. - LEVITON, #71113-E
3" wide x 4-3/4" tall
Rated 1,000 VA, 120 V, 60 Hz (AC only). Incandescent only. Black, single pole architectural. Slide dimmer with preset on-off switch. Can be installed in series. Comes with complete wiring diagram. Mounts in a standard switch box on a wall.

51-246..$9.95

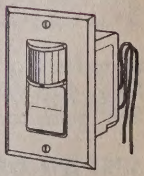
MOTION ACTIVATED SECURITY SWITCH/ DIMMER Ⓤ



Mfg. - HONEYWELL
Mfg.# - CL850F-1007
Rated 300 watt, 120 VAC/60 Hz
Incandescent only Replaces single pole light switch. Turns on light when you enter the room. Adjustable sensitivity and turn-off delay, lamp dimming and manual over-ride. 25ft range.

51-294..$9.95

WIDE VIEW MOTION ACTIVATED LIGHT CONTROL Ⓤ



Mfg. - LEVITON
Mfg.# - 6791-I (Ivory)
Rated 500 watt, 120 VAC/60 Hz
Incandescent only. Replaces single pole light switch. Wide angle view - turns lights on immediately upon entering a room. Energy efficient - you choose when lights turn off (15 sec to 15 min). Features an adjustable light sensitivity auto-mode indicator light and manual override switch. 150° viewing angle, 20 ft distance.

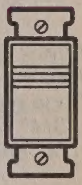
51-346..$19.95

STANDARD DECORA WHITE ROCKER Ⓤ

Mfg. - GE, #GE3801-7
Rated @ 120-277 VAC, 15 amp. Single pole. Fits in standard electrical box. Mounting screws included. Wall plate not included.

51-282..$1.00

DECORA SLIDE DIMMER Ⓤ

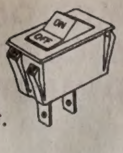


Mfg. - GE
1-5/8" x 2-5/8"
Rated 120 VAC, 75 V, 600 watts. For incandescent lighting only. Single pole slide. White. Preset on/off switch. Can be installed in series. Comes with complete wiring instructions. Wall plate not included.

51-284................3-way................$3.99

SWITCHES

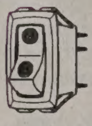
SPST ROCKER



Mfg. - ALCO
Snap mounts in a 1-1/8" x
1/2" hole. 3/8" quick connect.

SPST ON-OFF
10 amp @ 125 VAC
51-358..**$ .79**

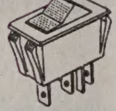
SPST LIGHTED ROCKER



Snap fits into 1" x 1/2" hole
125 VAC red lamp
1/4" quick connect

SPST ON-OFF
16 amp @ 125 VAC *(1-99) (100-Up)*
51-259..........................**$1.49**....**$1.35**

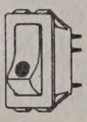
SPST LIGHTED ROCKER



Snap fits into 1-1/8" x 1/2"
hole. 125 VAC green lamp.
3/8" quick connect

SPST ON-OFF
15 amp @ 125 VAC *(1-99) (100-Up)*
51-345..........................**$1.49**....**$1.35**

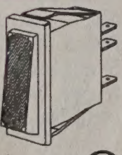
SPST LIGHTED ROCKER



Snap fits into 7/16" x 1-1/4"
hole. 125 VAC lamp. 3/8"
quick connect.

SPST ON-OFF
20 amp @ 125 VAC
51-330................Red...................**$1.49**
51-331................Green...............**$1.49**

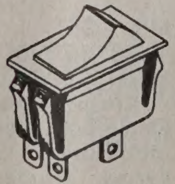
SPST LIGHTED ROCKER



Mfg. - SWANN
Snap fits into a 1-1/16"
x 7/16" hole. 125 VAC amber
lamp. 3/8" quick connect

SPST ON-OFF
15 amp @ 125 VAC
51-356..**$ .99**

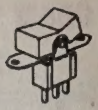
DPST ROCKER



Mfg. - CARLINGSWITCH
Heavy duty snap-in rocker.
Snap mounts in a 1-1/2"
x 3/4" hole.
1/4" quick connect

DPST ON-OFF
10 amp @ 250 VAC *(1-99) (100-Up)*
51-361..........................**$2.25**....**$1.99**

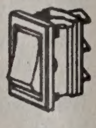
SPDT ROCKER



Mfg. - C&K
mFG.# - 7101
1/2" x 1/4", 15/16" mounting
centers. PC terminals. Red body, blue switch

SPDT ON-ON
5 amp @ 120 VAC
51-317..**$ .89**

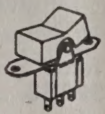
SPDT ROCKER



Mfg. - ARCO
1" x 7/16", 1/4" quick tab

SPDT ON-ON
8 amp @ 125 VAC *(1-99) (100-Up)*
51-233..........................**$ .99**.....**$ .89**

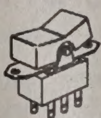
SPDT ROCKER



5/8" x 3/8" body
1" Mounting centers. Solder cup

SPDT ON-ON
6 amp @ 125 VAC
51-255..**$ .89**

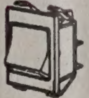
DPDT ROCKER



5/8" x 1/4"
1" mounting centers. Solder cup

DPDT ON-ON
6 amp @ 125 VAC
51-295..**$ .99**

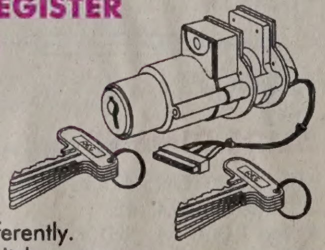
DPDT CENTER OFF ROCKER



Mfg. - ALCO
Snap mounts in a 1" sq. hole
Black body, white switch

DPDT ON-OFF-ON
10 amp @ 125 VAC *(1-99) (100-Up)*
51-278..........................**$ .99**.....**$ .89**

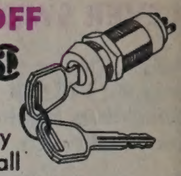
CASH REGISTER SWITCH



Each switch is keyed differently. Each key switch comes complete with two sets of four keys (2 pass, 2 reg, 2 "X" and 2 zero). Six 7" long color coded wires come from either wafer terminate in phenolic connector. Mounting holes 1" on center.

CASH..**$1.99**

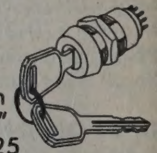
SPDT - CENTER OFF KEY SWITCH



Mfg. - OAK, #1228
SPDT, center off key switch. Key removes in all positions. Mounts in a 3/4" hole. Rated at 4 amp 120 VAC, 2 amp 240 VAC. All switches are keyed alike. Includes two keys and hardware.

51-328..**$2.50**

KEY SWITCH

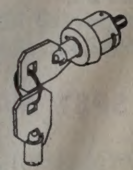


Mfg. - C&K, #0686
Key is removable in position 1 only. Mounts in a 3/4" hole. Rated 4 amp @ 125 VAC, 2 amp @ 250 VAC. Solder terminal. All switches are keyed differently. Includes two keys.

Position	*Contact*	*connects to Contact*
1:	2	3
2:	2	1
3:	1	8
4:	8	7

51-332..**$2.95**

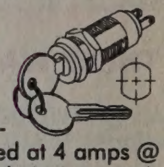
ACE® KEY LOCK



Mfg. - CHICAGO LOCK
Mounts in a double D cut 3/4" dia. hole. High security round keys can not be duplicated. Each lock keyed differently and includes two keys and a "U" clip for mounting. Actuator (bail) not included.

91-195..**$1.99**

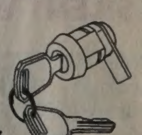
SPST KEY SWITCH



Mfg. - HUDSON LOCK
Mounts in 3/4" hole, rotates 90°. Key is removable in both positions. Rated at 4 amps @ 120 VAC. Hook-up via soldering or terminals threaded for 6-32 screws (not included). All switches are keyed differently and supplied with two keys.

51-370..**$3.99**

KEY LOCK



Cabinet lock 90° key rotation with 2 keys removable in one position. Lock has 1" long actuator (bail) arm & mounts in 3/4" dia. hole. Secured via "U" clip (included).

50-100..**$1.75**

SWITCHES

DIP SWITCHES

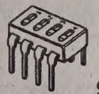
2 POSITION

Extended actuators

51-342..$ .39

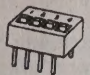
4 POSITION

Low profile
recessed actuators



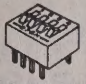
51-320..$ .69

Extended actuators



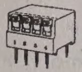
51-337..$ .69

Rocker actuators



51-353..$ .69

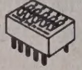
Piano style



51-376..$ .69

5 POSITION

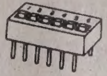
Rocker actuators



51-360..$ .69

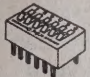
6 POSITION

Extended actuators



51-338..$ .69

Rocker actuators



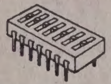
51-306..$ .69

Piano style

51-318..$ .69

7 POSITION

Low profile
recessed actuators



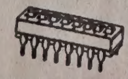
51-319..$ .75

Piano style

51-377..$ .85

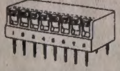
8 POSITION

Extended actuators



51-298..$ .99

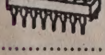
Piano style



51-273..$ .85

10 POSITION

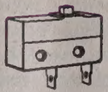
Slide actuators



91-158..$ .75

MICRO SWITCHES

Mfg. - CHERRY
Mfg.# - E63
3/4" x 1/4" x 3/8"
1/4" quick connect

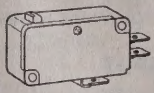


SPST, Normally Open
.1 amp @ 125 VAC (1-99) (100-Up)
51-313............................$ .65.....$ .59

Mfg. - OMRON, #SS-01-F
3/4" x 1/4" x 3/8"
Mounting centers .374".
Solder style terminals.

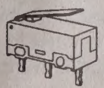
SPDT
.1 amp @ 125 VAC
SALE
51-197..$ .24

Mfg. - OMRON
1-1/8" x 3/8" x 5/8"
Button actuator.
Normally open or normally closed. .187" quick connect terminals.



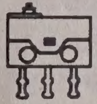
SPDT
.1 amp @ 125 VAC (1-99) (100-Up)
51-369............................$ .59 .....$ .49

Mfg. - CHERRY
Mfg.# - DG2C-B1LA
1/2" x 1/4" x 1/4"
Lever actuator



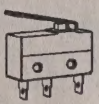
SPDT
50mA @ 30 VDC
New
51-374..$ .45

Mfg. - OMRON
Mfg.# - D2F-01-T
1/2" x 1/4" x 5/16"
PC terminals



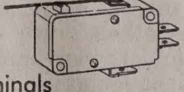
SPDT
3 amp @ 125 VAC (1-99) (100-Up)
51-257............................$ .75....$ .69

Mfg. - PATTERSON
Mfg.# - SP1-72GL-A
3/4" x 1/4" x 3/8"
Mounting centers .375".
Quick connect terminals.



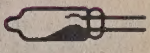
SPDT
1 amp @ 125 VAC (1-99) (100-Up)
51-347............................$ .75....$ .69

Mfg. - MATSUSHITA
1-1/8" x 3/8" x 5/8"
1-1/4" actuator
.187" quick connect terminals



SPDT
1 amp @ 250 VAC
51-364..$ .75

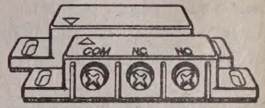
MERCURY TILT SWITCH



5/8" x 1/4" dia.
with 7/8" leads
Rated @ 750mA
(1-99) (100-Up)
51-334............................$ .75.....$ .69

1-1/8" long x .35" dia. with 1" leads
Rated @ 300 mA
(1-99) (100-Up)
51-279............................$ .99....$ .89

MAGNETIC ALARM SWITCH

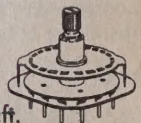


For use on windows or doors as detectors for alarm systems. Contains both N/O and N/C contacts.

51-351..$2.49

ROTARY SWITCH

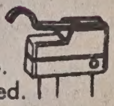
1 pole, 10 position
PC mount rotary switch
with knurled, 1/4" slotted shaft.



SR25-R..$ .49

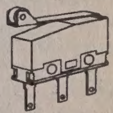
MICRO SWITCHES

Mfg. - OMRON, #SS-5GL13D
3/4" x 3/8"
Lever actuator with semicircle tip.
Normally open or normally closed.
Quick connect terminals.



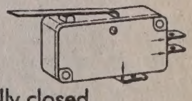
SPDT
5 amp @ 125 VAC (1-99) (100-Up)
51-128............................$ .75....$ .69

Mfg. - MATSUSHITA
3/4" x 1/4" x 3/8"
3/4" roller actuator
1/8" quick connect terminals



SPDT
5 amp @ 250 VAC
51-365..$ .99

Mfg. - DEFOND
1-1/8" x 3/8" x 5/8"
1-1/16" actuator
Normally open or normally closed
.187" quick connect terminals.



SPDT
11 amp @ 125 VAC
51-355..$ .99

SWITCHES

SPST - N.O. PUSH BUTTON

Normally open momentary switch with red button. Mounts in 5/16" dia hole. Hardware included.

SPST
3 amp @ 125 VAC
51-244..**$ .25**

SPST - N.C. PUSH BUTTON

Normally closed momentary switch with black button. Mounts in a 5/16" dia hole. Hardware included.

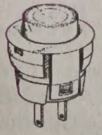
SPST, 3 amp @ 125 VAC
51-340..**$ .29**

SPST - N.O. PUSH BUTTON

Normally open momentary switch Round button, low profile. Contact resistance 100M ohm max. Insulation resistance 50M ohm (DC 100V).

SPST
20 mA @ 15 VDC *(1-99) (100-Up)*
51-179..........................**$ .20**....**$ .18**

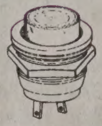
SPST - N.O. PUSH BUTTON



Normally open momentary switch with red button. Mounts in a 3/4" hole.

SPST
3 amp @ 125 VAC *(1-99) (100-Up)*
51-249..........................**$ .99**....**$ .89**

SPST - N.O. PUSH BUTTON



Normally open momentary switch. Metal body with red button. Mounts in a 5/8" hole. Solder lug terminals. Hardware included.

SPST
3 amp @ 125 VAC
51-359..**$ .99**

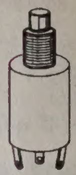
SPST N.O. PUSH BUTTON

(UL) (SP)

Mfg. - CARLING
Normally open momentary
Mounts in a 1/2" hole
6" wire leads
Hardware included

6 amp @ 125 VAC
51-368..**$1.49**

SPDT PUSH BUTTON



Mfg. - SWITCHCRAFT
SPDT, break before make momentary switch with red button. Enclosed in metal housing. Rear mounts in a 1/4" hole. Solder lug terminals. Less hardware.

SPDT
250 mA @ 30 watt max
51-349..**$1.49**

SPDT - PUSH BUTTON

Mfg. - CK, #8121
Momentary switch with solder lug terminals and white cap. Mounts in a 1/4" hole. Hardware included.

SPDT
1 amp @ 120 VAC *(1-99) (100-Up)*
51-305..........................**$1.25**....**$ .99**

SPST - N.O. PUSH BUTTON

Normally open momentary switch with red button. Mounts in a 1/2" hole. Solder lug terminals. Hardware included.

SPST
3 amp @ 125 VAC
51-344..**$ .99**

SPST - N.O. SNAP ACTION PUSH BUTTON

Mfg. - GRAYHILL, #2201
Normally open momentary switch with 3/8" quick connect terminals. Mounts in a 1/2" hole. Hardware included.

SPST
15 amp @ 115 VAC
51-354..**$2.49**

SPDT PUSH BUTTON

Mfg. - MICRO SWITCH
Mfg.# - 1DM401
Push/Pull momentary or pull-cheat switch with 3/8" quick connect terminals. Snap mounts in a 1" x 9/16" hole. White.

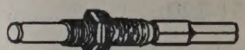
SPDT
10 amp, 1/2 HP; 125/250/277 VAC
51-327..**$1.25**

SPDT MOMENTARY PUSH BUTTON

Mfg. - ALCO, #MPA106F
Mounts in a 1/4" hole
Solder lug terminals
Hardware included

SPDT
6 amp @ 125 VAC
51-357..**$1.49**

PIN SWITCH



Has adjustable head which allows for plunger height adjustment.

PSA-02.............2-1/2"...................**$.65**

SPDT PUSH BUTTON

(UL)

Mfg. - JBK
Mounts in a 1/4" hole
Rated 6 amp @ 125 VAC
Hardware and removable back included.
Solder lug termianls

New

51-373..**$ .99**

SPST N.O. PUSH BUTTON

(UL) (SP)

Mfg. - C&H
Normally open momentary switch with red button. Mounts in a 1/2" hole. .25" quick terminal/solder hook-up. Hardware included.

.75 amp @ 125 VAC
51-371..**$ .99**

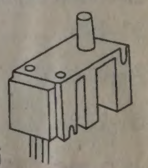
SPST N.O. PUSH BUTTON

(UL)

Mfg. - C&K, #8532
Normally open momentary switch with black button. Mounts in a 1/2" hole. Solder tab hook-up. Hardware included.

1 amp @ 120 VAC
51-372..**$1.25**

PRESSURE TRANSDUCER



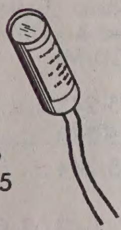
Mfg. - MICROSWITCH
Mfg.# - 125PC15G114
Pressure gauge range: 0-15 psi
10V, 2 amp excitation, bridge resistance 5K ohm, spec sheet included.

90-250..**$4.95**

LASERS • OPTOELECTRONICS

4 mW VISIBLE LASER DIODE MODULES

DANGER
LASER RADIATION-AVOID DIRECT EYE EXPOSURE



7/16" dia x 11/16"
Built in driver circuit. Spot size at 5M: 7-9mm. 670-680nm wave length. Operates on 2.8 - 3 VDC @ 65 mA. Cw optical power: 2.5 - 4.5. FDA Class IIIA

74-433......................................**$39.95**

Same as above but

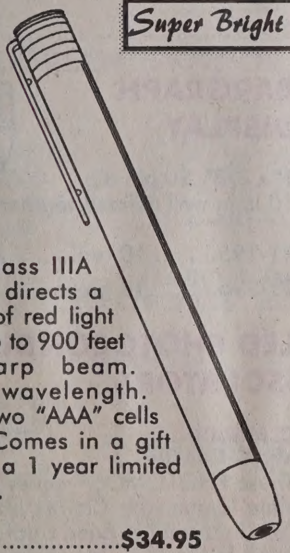
5X BRIGHTER

For outside use. 650nm wave length.

74-473......................................**$49.95**

4 mW LASER POINTER

Super Bright

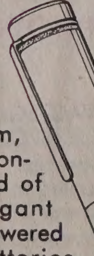


5" x 1/2" dia.
This 4mW class IIIA laser pointer directs a bright beam of red light at any spot up to 900 feet with a sharp beam. 650nm wavelength. Powered by two "AAA" cells (included). Comes in a gift box and has a 1 year limited mfg. warranty.

75-221............................**$34.95**

SUPER BRIGHT PALM SIZE LASER POINTER

Super Bright

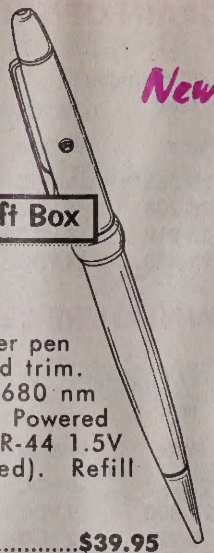


2.3" x .6" dia.
300 yard range, 650nm, <4mW, class IIIA. 3hr continuous on. Constructed of solid brass with elegant brushed nickel finish. Powered by 3 SR44 watch batteries included.

75-222......................................**$39.95**

LASER POINTER BALL POINT PEN

New



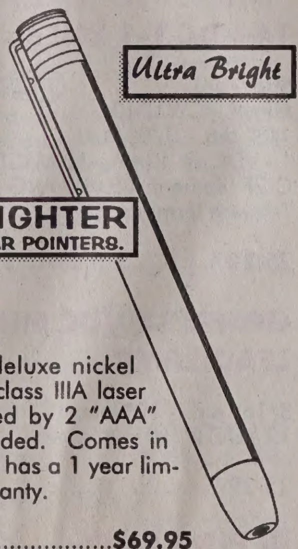
Comes in a Gift Box

5-3/4" x 1/2"dia
High quality pointer pen is black with gold trim. Wavelength 630-680 nm <4mW class IIIA. Powered by (3) LR-44 or SR-44 1.5V batteries (included). Refill included.

75-253.............................**$39.95**

4mW 635nm LASER POINTER

Ultra Bright

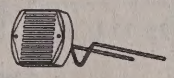


10X BRIGHTER
THEN REGULAR POINTERS.

5" x 1/2" dia.
Heavy duty deluxe nickel plated brass class IIIA laser pen. Powered by 2 "AAA" batteries included. Comes in a gift box and has a 1 year limited mfg. warranty.

75-223.........................**$69.95**

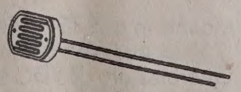
PHOTO CELL



1/4" diameter
75K ohm bright, 15 Meg ohm dim

24-118..**$ .50**

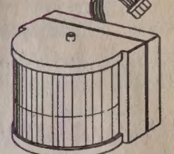
PHOTO CELL



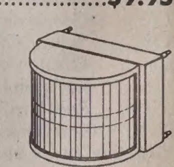
<10Kohms typical resistance @ 100 ftc
>100Kohms min. dark resistance 15 sec after 2 ftc. 50 volt peak

New (1-99) (100-Up)
25-322...................................**$ .49...$ .45**

PASSIVE INFRARED MODULE



PUTTY
1-5/8" x 1-1/4" x 1-5/16"
With four 2" wire outputs with female molex connector on end.
10-111......................................**$9.95**

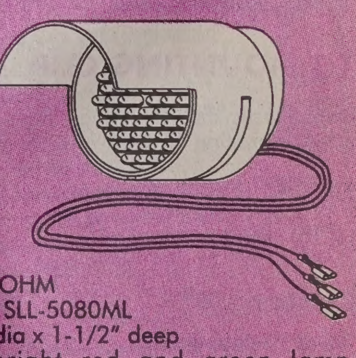


BLACK
1-5/8" x 1-1/4" x 1"
With four pin output.
10-110......................................**$9.95**

Mfg. - AMP, #P1RM180-200
Outputs - Digital: Norm low (+.7V max)
Active (+3.8V min)
Analog: Offset @ 2.5 volts
Operates on 5 VDC @ 2mA
Compact 180° field of view motion sensor. Detects motion to a range of 20 feet. Lookdown beams to detect low movement. Spec sheet included.

DUAL COLOR OUTDOOR LED LAMP

New

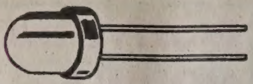


Mfg. - ROHM
Mfg.# - SLL-5080ML
2-1/4" dia x 1-1/2" deep
High bright red and green lamp. Common anode - 14 high intensity red leds (12 VDC @ 20mA); 36 high intensity green leds (20 VDC @ 100 mA). Waterproof structure. High visibility. Peak emission wavelength: Red 650nm, Green 565nm. Min. luminosity: Red 5.6cd, Green 2.3cd. Red and green can be lit independently or simultaneously. Includes removable black lens cover. 12" long color coded hook up wires.

25-321....................................**$19.95**

LEDS & LAMPS

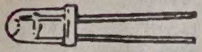
GIANT LED



10mm

Part#	Description	(1-99)	(100-up)
25-227	Red diffused	$ .30	$ .27
25-228	Green diffused	.30	.27

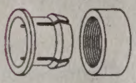
T 1-3/4 JUMBO LED



5mm

Part#	Description	(1-99)	(100-up)
LO1	Red diffused	$ .10	$ .09
LO2	Green diffused	.15	.12
LO3	Yellow diffused	.15	.12
LO4	Orange diffused	.15	.12
LO5	Red point source	.10	.08
DCLED	Red/Grn bi-color	.30	.27
BK-1	Red blinking	.55	----
25-229	Green blinking	.65	.59
BK-2	Yellow blinking	.49	.39
25-230	Orange blinking	.65	.59

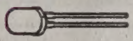
LED PANEL MOUNTS



For T 1-3/4
5mm

25-100..$ .05

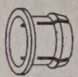
T 1 MINIATURE LED



3mm

Part#	Description	(1-99)	(100-up)
LM1	Red diffused	$ .10	$ .09
LM2	Green diffused	.12	.10
LM3	Yellow diffused	.12	.10
25-148	Yel/Yel bi-polar	.15	.12

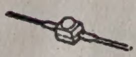
T 1 MOUNTING CLIP



Black plastic clip for
panel mounting T1 leds.

25-318..$ .15

SUB-MINI AXIAL LED



2 x 3.2mm (.09")

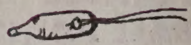
Part#	Description	(1-99)	(100-up)
SM3R	Red	$ .12	$ .10
SM3G	Green	.12	.10
25-138	Clear-lights green	.12	.10

SURFACE MOUNT LED CHIPS

.115" x .055" x .05"
(1mm lens dia.) Gold plated mounting surfaces for super conductivity.

Part#	Description	Price
25-130	Green	pk of 10/$ .75
25-217	Orange	pk of 10/$ .75

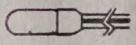
GRAIN OF WHEAT BULB



1/8" diameter
6" lead

Part#	Voltage	Current	Price
25-265	5 VDC	60 mA	$ .30
25-208	6 VDC	20 mA	.35
25-219	8 VDC	35 mA	.35
25-220	14 VDC	35 mA	.35

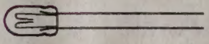
MINIATURE LEAD LAMP



3/16" diameter
6" lead

Part#	Voltage	Current	Price
25-222	8 VDC	70 mA	$ .35
25-300	9 VDC	60 mA	.35
25-223	12 VDC	35 mA	.35
25-224	12 VDC	70 mA	.35

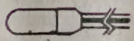
14 VDC T-1 BULB



Mfg. - JKL
Mfg.# - CW1240
1/8" dia. - 7/8" lead
14 VDC @ 40mA, .12 MSCP
C-2F filament, 16,000 AVG life hours
T-1 wire terminal

	(1-99)	(100-Up)
25-290	$ .35	$ .30

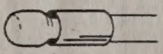
GREEN 12 VDC MINIATURE LEAD LAMP



3/16" dia. - 10" lead
12 VDC @ 60 mA, green

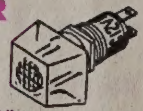
25-299..$ .35

BI PIN LAMPS



25-111	6 VDC @ 40 mA	$ .20
BIPIN	5 VDC @ 20 mA	$ .20

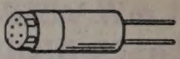
12 VDC INDICATOR LAMP



Mounts in a .575" hole
.75" square, OA depth 1-1/2"
Operates on 12 VDC @ 50 mA
Great for automobile use.

25-281	Red	$ .99
25-282	Amber	$ .99
25-283	Green	$ .99

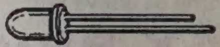
SIX CHIP LED



Mfg. - OSHINO
14 VDC @ 20 mA. 6mm LED dia., bi-pin base. Typical luminous intensity: Super red & yellow 70 IV (CD/M), green 110 IV (CD/M).

25-242	Super red	$ .99
25-243	Yellow	$ .99
25-244	Green	$ .99

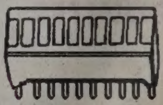
T 1-3/4 (5mm) RED LOW POWER CONSUMPTION



Mfg. - LITEON
Mfg.# - LTL307E
Operates on 2 VDC at only 10 mA.
19 mcd typical luminosity. Made from Gallium Arsenide Phosphide. Diffused high efficiency LED.

25-293..$ .20

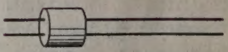
BARGRAPH DISPLAY



1" x 3/8", 20 pin dip
10 long well defined segments.

21-195	10 red	$1.85
21-196	10 green	$1.85

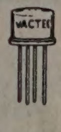
LED PHOTOCONDUCTOR ISOLATORS



CLM6000
Mfg. - CLAIREX
These PHOTOMOD® series combine solid state lamps with Clairex photoconductive cells in a small rugged axial-lead isolator. Mini, low power, low resistance, noiseless switching. Interfaces TTL to TTL providing complete isolation. Spec sheet included.

CLM6000..$3.50

LED PHOTOCONDUCTIVE CELL



Mfg. - VACTEC
Mfg.# - VTL2C2
TO-5 package
LED coupled to photoconductive cell.
LED current 40 mA max @ Vf = 1.65V. Max on resistance 500 ohm for LED current of 40 mA, min off resistance 1 meg ohm. Max decay to 100K ohm = 500ms.

VTL2C2..$2.99

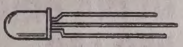
LEDS

BI-POLAR RED/GREEN LED

T 1-3/4 (5mm) diffused
Red/green
2.2 VDC @ 50 mA

25-319..$ .39

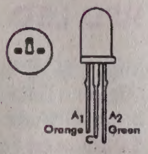
BI-COLOR RED/GREEN LED



T 1-3/4
5mm diffused • Red/Green
Operates on 2 VDC @ 10 mA
Luminous intensity: Red - 8 mcd
Green - 5 mcd
Common cathode

25-308..$ .26

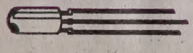
BI-COLOR GREEN/ORANGE LED



Mfg. - TELEFUNKEN
Mfg.# - TLUV5300
Green/Orange. Diffused.
Luminous intensity
2.5 mcd @ 2.4 V.

(1-99) (100-Up)
TLUV5300..........................$ .35...$ .25

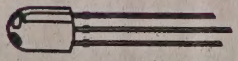
T 1-3/4 ULTRA BRIGHT DUAL COLOR LED



Mfg. - TOSHIBA
Mfg.# - TLRAG178
Typical luminous intensity.
Red = 500 mcd, Green = 150 mcd.
Produces red & green simultaneously within the same package. They can also be lit independently. Common anode.

(1-99) (100-Up)
25-250..........................$1.25....$ .99

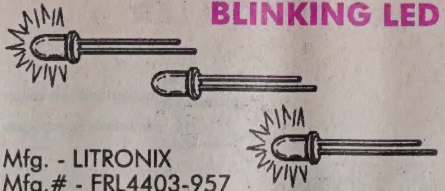
7-1/2mm ULTRA BRIGHT DUAL COLOR LED



Mfg. - TOSHIBA
Mfg.# - TLRA188
Typical luminous intensity.
Red = 500 mcd, Green = 150 mcd.
Produces red & green simultaneously within the same package. They can also be lit independently. Common anode.

25-240..$ .99

T 1-3/4 (5mm) RED BLINKING LED



Mfg. - LITRONIX
Mfg.# - FRL4403-957
Operates on 3 VDC @ 10 mA

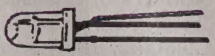
24-135..............................$ .39

BLINKING YELLOW LED

T 1-3/4 (5mm)
Diffused yellow lens, 3.2 V

(1-99) (100-Up)
91-255............................$ .45...$ .35

T 1-3/4 DUAL COLOR BRIGHT GREEN/ BLINKING RED LED



T 1-3/4 dual color diffused LED has a clear dome. Lights a super bright green or blinks red depending on polarity. A unique status indicator.

25-111DC................................$1.49

SUPER BRIGHT T1-3/4 LEDS

T1-3/4 5mm super bright diffused LED's.
Can be used in daylight application.

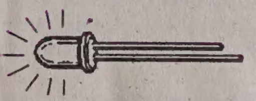
70 mcd luminous intensity.

(1-99) (100-Up)
25-271..........Red.............$ .45....$ .39

100 mcd luminous intensity.

(1-99) (100-Up)
25-272..........Green..........$ .45....$ .39

ULTRA BRIGHT T 1-3/4 5mm RED LED



Mfg. - ROHM
Operates on 2.1 - 3 VDC @ 20 - 60 mA
5mm T 1-3/4, transparent lens lights red.

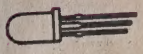
750 mcd luminosity
Mfg.# - SLA-570LT3F XL

(1-99) (100-Up)
25-304..........................$ .39....$ .32

1100 mcd luminosity
Mfg.# - SLA-570LT3F XM

(1-99) (100-Up)
25-305..........................$ .49....$ .45

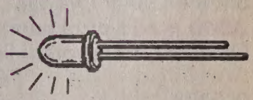
8 COLOR - 5mm LED



Mfg. - CREE
Mfg.# - CRGB-5D18
This unique design is able to produce red, orange, yellow, green, aqua, blue, violet and white colors by simply varying the current to each lead of the LED (3 leads common cathode). Combines a red, green and two blue chips along with the white diffused lens allowing color mixing within the package. (2.0V - 3.5V) forward voltage, current and luminous intensity varying. Spec sheet included.

25-297..............................$2.49

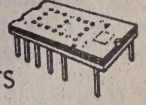
T 1-3/4 RED LED



Mfg. - HEWLETT PACKARD
Mfg.# - QLMP-3044
T 1-3/4, 5mm red diffused
7 mcd luminosity, 65° viewing angle
Operates on 2 VDC @ 10mA

(1-99) (100-Up)
25-317..........................$ .10......$ .09

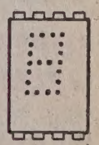
4 x 7 HEXADECIMAL WITH LOGIC



Mfg. - TEXAS INSTRUMENTS
Mfg.# - TIL311
.3" character height. High brightness left-and-right decimal points. Internal TTL MSI chip with a four-bit latch, decoder, driver and a 4 x 7 LED character with two externally driven decimal points in a 14 pin package. LED and logic power supplies may be used. Spec sheet included.

TIL311.....................................$8.95

4 x 7 HEXADECIMAL WITH LOGIC

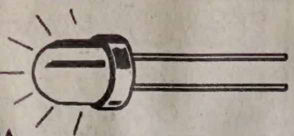


Mfg. - HEWLETT PACKARD
Mfg.# - HDSP-0962
.3" character height.
Left-and-right decimal point. Memory latch, decoder, driver. TTL compatible 8 pin package. Green.

(1-99) (100-Up)
25-218..........................$4.95....$3.95

ULTRA BRIGHT LEDS

BRIGHTEST LED MADE 10mm ORANGE



Mfg. - TOSHIBA
Mfg.# - TLOA190P(WX)
Operates on 2 VDC @ 60 mA
10mm InGaAIP Orange
18,000-36,000 mcd luminous intensity
Peak emission wavelength: λp = 620 nm
Colorless, transparent lights orange.

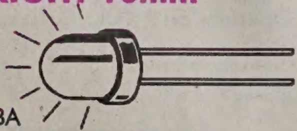
25-276......................................**$3.49**

SUPER ULTRA BRIGHT 5mm ORANGE LED

Mfg. - TOSHIBA
Mfg.# - TLOA180AP
Operates on 2 VDC @ 40 mA
5mm InGaAIP Orange
3000 mcd typical luminosity
Colorless, transparent lights orange.

25-277......................................**$ .75**

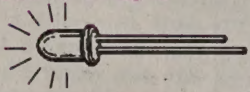
ULTRA BRIGHT 10mm GREEN LED



Mfg. - TOSHIBA
Mfg.# - TLGC191P
10mm, green diffused
Luminous intensity = **180 mcd** @ 20 mA.
Operating voltage: 2.2V @ 20 mA.

25-241......................................**$1.49**

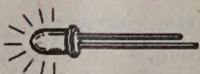
ULTRA BRIGHT T 1-3/4 (5mm) GREEN LED



Mfg. - ROHM
Mfg.# - SLA-580MTE49 XK
Operates on 2.1 - 3 VDC @ 20 - 60 mA
5mm T 1-3/4 transparent lens lights green
520 mcd luminosity

(1-99) (100-Up)
25-306............................**$ .39**....**$ .35**

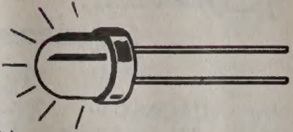
SUPER BRIGHT T-1 (3mm) GREEN LED



Mfg. - ROHM
Mfg.# - SLH-34MC3 U
Operates on 2.1 - 3 VDC @ 20 - 60 mA
3mm T-1 green clear lens
200 mcd luminosity

(1-99) (100-Up)
25-302............................**$ .24**....**$ .18**

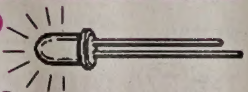
SUPER ULTRA BRIGHT 10mm YELLOW LED



Mfg. - TOSHIBA
Mfg.# - TLYA190P
Operates on 2 VDC @ 40 mA
10mm InGaAIP Yellow
6000 mcd typical luminosity
Colorless, transparent, lights yellow.

25-253......................................**$2.50**

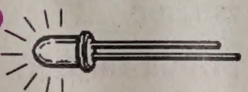
SUPER ULTRA BRIGHT 5mm YELLOW LED



Mfg. - TOSHIBA
Mfg.# - TLYA180AP
Operates on 2 VDC @ 30 mA
5mm (T1-3/4) InGaAIP Yellow
2500 mcd typical luminosity
Colorless, transparent lights yellow.

25-284......................................**$ .99**

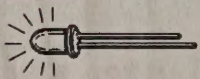
ULTRA BRIGHT 5mm YELLOW LED



Mfg. - TOSHIBA
Mfg.# - TLYA157P
Operates on 2 VDC @ 30 mA
5mm (T1-3/4) InGaAIP Yellow
550 mcd typical luminosity
Colorless, transparent lights yellow.

(1-99) (100-up)
25-275..........................**$ .25**.....**$ .19**

ULTRA BRIGHT 3mm LEDS



Mfg. - IMO
Operates on 2 VDC @ 10 mA
3mm (T1) Colorless, transparent
For backlight illumination.

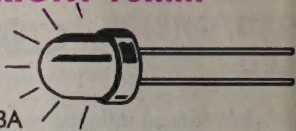
47 mcd luminosity *(1-99) (100-up)*
25-261.........Red..............**$ .24**.....**$ .18**

100 mcd luminosity *(1-99) (100-up)*
25-262.........Green...........**$ .24**.....**$ .18**

Mfg. - TOSHIBA
Mfg.# - TLYA262
Operates on 2 VDC @ 30 mA
80 mcd luminosity

(1-99) (100-up)
25-285.........Yellow..........**$ .24**.....**$ .18**

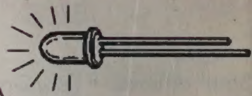
ULTRA BRIGHT 10mm RED LED



Mfg. - TOSHIBA
Mfg.# - TLRA191P
Operates on 2 VDC @ 40 mA
400 mcd typical luminosity
Colorless, transparent, lights red.

25-246......................................**$1.49**

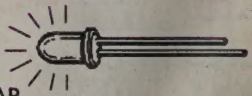
ULTRA BRIGHT 5mm RED LED



Mfg. - TOSHIBA
Mfg.# - TLRA134A
Operates on 2 VDC @ 30 mA
5mm (T1-3/4) GaAIAs Red
500 mcd typical luminosity. Red diffused.

(1-99) (100-up)
25-278..........................**$ .65**.....**$ .55**

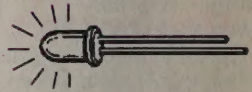
SUPER ULTRA BRIGHT 5mm RED LED



Mfg. - TOSHIBA
Mfg.# - TLRA180AP
5mm GaAIAs Red
3000 mcd typical luminosity
Colorless, transparent, lights red.
Brightest T1-3/4 LED available.

(1-99) (100-up)
25-249..........................**$ .99**.....**$ .75**

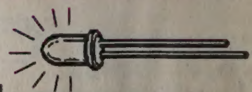
T 1-3/4 (5mm) BRIGHT RED LED



Mfg. - SIEMANS
Mfg.# - LD502-7
High light output: 4 mcd
Wide viewing angle: 70°
Diffused red gallium arsenside phosphide LED lamp. Operates 2 VDC @ 10 mA.

(1-99) (100-999) (1K-Up)
25-307...............**$ .10**.....**$ .09**.....**$ .08**

SUPER BRIGHT T 1-3/4 RED LED

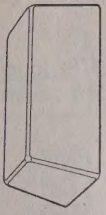


Mfg. - STANLEY
Mfg.# - ESBR5501
T 1-3/4, 5mm red led, 160 mcd luminosity 1.7 VDC @ 20mA, 660nm peak wavelength. Clear lens lights red.

(1-99) (100-Up)
25-316..........................**$ .25**.....**$ .19**

REPLACEMENT LAMPS

STROBE LIGHT



Mfg. - ATLAS/SOUDOLIER
3-3/4" x 11/16" x 1-3/16"
Single flush surface mount strobe enclosed in a white frosted plastic housing.

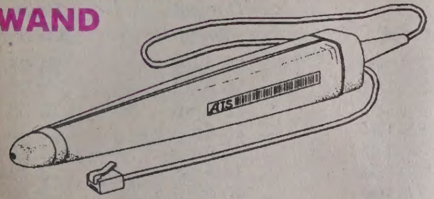
24 VDC 40mA
17 strobes per minute

17-102..**$7.95**

24 VDC 80mA
34 strobes per minute

17-103..**$9.95**

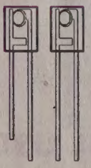
BAR CODE SCANNING WAND



Mfg. - AIS (for HEWLETT PACKARD)
Mfg.# - HEDS-3050
Digital bar code scanner. Consists of a self contained 700NM red LED and matching sensor, amplifier and digitizer. CMOS/TTL open collector output, single 5 VDC operation. .3mm resolution. 3'3" cord with RJ-12 modular connector. Includes spec sheet.

24-133......................................**$24.95**

MATCHED LED & PHOTO SENSOR PAIRS



Mfg. - HONEYWELL

GaAs INFRARED EMITTING DIODE

Mfg.# - SEP 8526
Forward voltage 1.5-20 volt, reverse voltage 3 volt. Continuous forward current 50mA, output power .33(1) min - 20 I_F (mA).

PHOTOTRANSISTOR

Mfg.# - SDP 8426
Collector - emitter voltage 30 volt, emitter collector voltage 5 volt, light current = 5 V_{CE} 1.8 min to 1 H(1), dark current H = 0 100 max - 30 V_{CE}, $I_C = 100\mu A$ 30 min, $I_E = 100\mu A$ 5 min. Spec sheet included.

25-294.......Sold in pairs only.......pair/**$ .99**

T 3-1/4 MINIATURE LAMPS

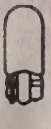


FIG. 1

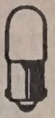


FIG. 2

Part#	Base	Volts	Amps	MSCD	Avg Hours	Fig#	Mfg. Type	Price Per 10
37-107	Min Bay	13.0	.33	3.00	1.0K	2	1816	$4.00
37-108	Min Bay	28.0	.04	0.34	2.5K	2	1819	4.00
37-109	Min Bay	28.0	.07	1.00	1.0K	2	1829	4.00
37-110	Min Bay	37.5	.05	0.65	3.0K	2	1828	5.00
37-111	Min Bay	55.0	.05	1.10	5.0K	2	1835	7.00
37-112	Wedge	6.3	.25	0.65	5.0K	1	259	3.20
37-113	Wedge	14.0	.27	2.00	5.0K	1	194	3.20
37-114	Min Bay	6.3	.15	0.50	3.0K	2	47	2.40
37-115	Min Bay	6.3	.15	0.33	20.0K	2	755	4.40
31-116	Min Bay	6.3	.25	0.90	3.0K	2	44	2.40

T 3-1/4 SUB MINIATURE LAMPS

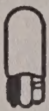


FIG. 1

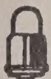


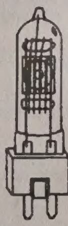
FIG. 2

Part#	Base	Volts	Amps	MSCD	Avg Hours	Fig#	Mfg. Type	Price Per 10
31-117	Wedge	14.0	.08	.300	15.0K	1	73	$3.60
31-118	Wedge	28.0	.04	.300	10.0K	1	85	3.60
31-119	SC Midget Fl	6.0	.20	.340	1.0K	2	328	3.80
31-120	SC Midget Fl	14.0	.08	.500	1.5K	2	330	4.40
31-121	SC Midget Fl	28.0	.04	.300	7.0K	2	387	3.80
31-122	SC Midget Fl	28.0	.04	.340	4.0K	2	327	3.80

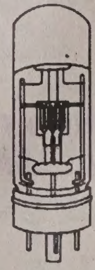
AUDIO/VISUAL PROJECTION LAMPS

High quality lamps used in photo flood equipment, audio visual overhead projectors, enlargers, airport runway lights, stage and studio displays and many types of projection systems.

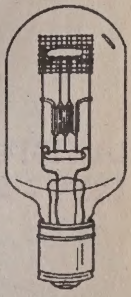
Part#	Watts	Volts	Fig#	Price
BVE	600	120	T-6	$29.95
CAL/CXP	300	120	T-10	14.95
DAY/DAK	500	120	T-10	14.45
DRB/DRC	1000	120	T-20	24.25
DYS/DYV/BHC	600	120	G-7	13.95
EJL	200	24	MR-13	14.95
ELC	250	24	MR-13	14.95
ELH	300	120	MR-13	16.50
ENX	360	82	MR-13	19.50
EXR	300	82	MR-16	16.25
EYB	360	82	T-3-1/2	14.95
FCR-BLB	100	12	T-3	6.25
FCS	150	24	T-4	6.45
FHS	300	82	MR-13	17.25



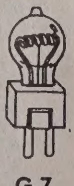
T-6



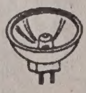
T-10



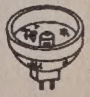
T-20



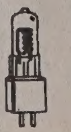
G-7



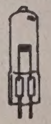
MR-13



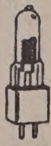
MR-16



T-3-1/2



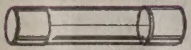
T-4



T-3

FUSES

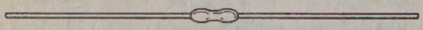
UL LISTED NORMAL BLOW 3AG - 250V FUSES



1-1/4" long x 1/4" diameter

Part#	Current Rating	Price Box of 5
31-204	1/32 Amp	$11.49
31-205	1/16 Amp	3.75
31-206	1/10 Amp	3.75
31-207	1/8 Amp	3.75
31-208	15/100 Amp	3.75
31-209	3/16 Amp	3.75
31-210	2/10 Amp	3.75
31-780	1/4 Amp	2.09
31-211	3/10 Amp	2.09
31-212	3/8 Amp	2.09
31-213	4/10 Amp	2.09
31-781	1/2 Amp	1.45
31-214	7/10 Amp	1.45
31-215	6/10 Amp	1.45
31-782	3/4 Amp	1.45
31-216	8/10 Amp	1.39
31-783	1 Amp	1.19
31-217	1-1/8 Amp	1.19
31-218	1-1/4 Amp	1.19
31-784	1-1/2 Amp	1.19
31-219	1-6/10 Amp	1.19
31-220	1-3/4 Amp	1.19
31-785	2 Amp	1.19
31-786	2-1/2 Amp	1.19
31-787	3 Amp	1.19
31-788	3-1/2 Amp	1.45
31-789	4 Amp	1.45
31-790	5 Amp	1.45
31-791	6 Amp	1.45
31-792	7 Amp	1.45
31-221	7-1/2 Amp	1.45
31-793	8 Amp	1.59
31-794	10 Amp	1.59

UL LISTED PICO FUSES 125V - AXIAL LEAD



Body- .280" long x .125" dia.
Lead- 1.50" long x .025" dia.

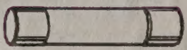
Part#	Current Rating	Price Each
31-837	.0625 Amp	$ .89
31-762	.125 Amp	.79
31-763	.25 Amp	.79
31-838	.375 Amp	.79
31-764	.5 Amp	.79
31-765	.75 Amp	.65
31-766	1 Amp	.65
31-839	1.5 Amp	.65
31-767	2 Amp	.65
31-840	2.5 Amp	.65
31-768	3 Amp	.65
31-841	3.5 Amp	.65
31-769	4 Amp	.65
31-770	5 Amp	.65
31-842	7 Amp	.65
31-843	10 Amp	.99
31-844	15 Amp	.99

UL LISTED SLOW BLOW 3AG - 250V-32V FUSES

1-1/4" long x 1/4" diameter

Part#	Current Rating	Voltage	Price Box of 5
31-222	1/32 Amp	250 volt	$5.99
31-223	1/16 Amp	250 volt	6.49
31-224	1/10 Amp	250 volt	4.99
31-225	1/8 Amp	250 volt	4.99
31-226	15/100 Amp	250 volt	4.99
31-227	.175 Amp	250 volt	4.99
31-228	3/16 Amp	250 volt	4.99
31-229	2/10 Amp	250 volt	4.99
31-231	1/4 Amp	250 volt	3.45
31-232	3/10 Amp	250 volt	3.45
31-233	3/8 Amp	250 volt	3.45
31-234	4/10 Amp	250 volt	3.45
31-795	1/2 Amp	250 volt	3.35
31-236	6/10 Amp	250 volt	3.35
31-237	7/10 Amp	250 volt	3.35
31-238	3/4 Amp	250 volt	3.35
31-239	8/10 Amp	250 volt	3.35
31-357	1 Amp	250 volt	3.25
31-241	1-2/10 Amp	250 volt	2.65
31-242	1-1/4 Amp	250 volt	2.65
31-797	1-1/2 Amp	250 volt	2.65
31-243	1-6/10 Amp	250 volt	2.65
31-244	1-8/10 Amp	250 volt	2.65
31-798	2 Amp	250 volt	2.65
31-246	2-1/4 Amp	250 volt	2.65
31-799	2-1/2 Amp	250 volt	2.65
31-247	2-8/10 Amp	250 volt	2.65
31-800	3 Amp	250 volt	2.65
31-248	3-2/10 Amp	250 volt	2.65
31-249	3-1/2 Amp	250 volt	2.65
31-801	4 Amp	250 volt	2.65
31-802	5 Amp	250 volt	2.65
31-803	6 Amp	250 volt	2.65
31-251	6-1/4 Amp	250 volt	2.65
31-804	7 Amp	250 volt	2.65
31-805	8 Amp	125 volt	2.65
31-252	10 Amp	125 volt	3.65
31-253	12 Amp	125 volt	3.65
31-254	15 Amp	125 volt	3.65
31-256	20 Amp	32 volt	3.65
31-257	25 Amp	32 volt	3.65
31-258	30 Amp	32 volt	3.65

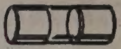
UL LISTED NORMAL BLOW 3AG CERAMIC BODY FUSES



1-1/4" long x 1/4" diameter
For microwaves and other small appliances.

Part#	Current Rating	Voltage	Price Box of 5
31-771	5 Amp	250 volt	$2.49
31-772	10 Amp	250 volt	2.49
31-773	15 Amp	250 volt	2.49
31-774	20 Amp	250 volt	4.25
31-775	25 Amp	125 volt	4.25
31-776	30 Amp	125 volt	4.25

1AG (AGA) FUSES



5/8" long x 1/4" diameter, 32 volt
For car stereo amplifier applications

Part#	Current Rating	Part#	Current Rating
31-323	1 Amp	31-328	5 Amp
31-324	1.5 Amp	31-331	6 Amp
31-326	2 Amp	31-332	7.5 Amp
31-327	3 AMp	31-333	10 Amp

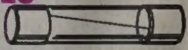
Box of 5/**$1.59**

5AG (AGU) FUSES

5AG (AGU), 32 volt
1-1/2" long x 13/32" diameter
High current protection

Part#	Current Rating	Price Box of 5
31-190	10 Amp	$3.95
31-191	15 Amp	3.95
31-183	20 Amp	3.75
31-184	25 Amp	3.75
31-185	30 Amp	3.75
31-186	35 Amp	3.75
31-187	40 Amp	3.75
31-188	50 Amp	3.75
31-189	60 Amp	3.75

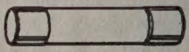
8AG (AGX) FUSES



1" long x 1/4" diameter

Part#	Current Rating	Voltage	Price Box of 5
31-334	1 Amp	250 volt	$1.25
31-336	3 Amp	125 volt	1.25
31-337	4 Amp	125 volt	1.25
31-338	5 Amp	125 volt	1.25
31-339	6 Amp	125 volt	1.25
31-341	8 Amp	32 volt	1.25
31-342	10 Amp	32 volt	1.25
31-343	15 Amp	32 volt	1.25
31-344	20 Amp	32 volt	1.25
31-346	30 Amp	32 volt	1.25

UL LISTED SLOW BLOW 3AG CERAMIC FUSES

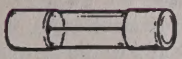


1-1/4" long x 1/4" diameter
Designed for circuits with high inrush currents.

Part#	Current Rating	Voltage	Price Box of 5
31-347	5 Amp	250 volt	$4.49
31-348	10 Amp	250 volt	4.49
31-349	15 Amp	250 volt	4.49
31-351	20 Amp	250 volt	4.49
31-352	25 Amp	125 volt	4.49
31-353	30 Amp	125 volt	4.49

FUSES

UL LISTED SLOW BLOW GMA INSTRUMENT FUSES



5mm dia. x 20mm long
(.197") x (.787")

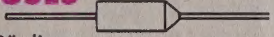
Part#	Current Rating	Voltage Rating	Price Box of 5
31-294	1/10 amp	250 volt	$4.25
31-304	1/8 amp	250 volt	4.25
31-305	16/100 amp	250 volt	4.25
31-306	2/10 amp	250 volt	4.25
31-307	1/4 amp	250 volt	4.25
31-826	3/10 amp	250 volt	4.25
31-308	.315 amp	250 volt	4.25
31-827	4/10 amp	250 volt	4.25
31-828	1/2 amp	250 volt	2.95
31-829	6/10 amp	250 volt	2.95
31-309	63/100 amp	250 volt	2.95
31-310	7/10 amp	250 volt	2.95
31-830	3/4 amp	250 volt	2.95
31-831	8/10 amp	250 volt	2.95
31-832	1 amp	125 volt	2.95
31-833	1-1/4 amp	125 volt	2.95
31-834	1-6/10 amp	125 volt	2.95
31-835	2 amp	125 volt	2.95
31-386	2-1/2 amp	125 volt	2.95
31-311	3 amp	125 volt	2.85
31-312	3.15 amp	125 volt	2.85
31-313	3-1/2 amp	125 volt	2.85
31-314	4 amp	125 volt	2.85
31-315	5 amp	125 volt	2.85
31-316	6 amp	125 volt	2.85
31-317	6-3/10 amp	125 volt	2.85
31-318	7 amp	125 volt	3.75
31-319	8 amp	125 volt	3.75
31-321	10 amp	125 volt	3.75

AUTOMOTIVE BLADE TYPE FUSES

1 pack of 5/**$ .75**

Part#	Color	Amperage
31-703	Violet	3.0
31-710	Brown	7.5
31-720	Red	10.0
31-730	Blue	15.0
31-740	Yellow	20.0
31-750	Clear	25.0
31-760	Green	30.0

THERMAL FUSES



Body 7/16" x 1/8" dia.
Rated @ 15 amps

$1.25

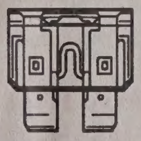
Part#	Opening Temp Max °C	Opening Temp Max °F	Part#	Opening Temp Max °C	Opening Temp Max °F
58-100	58	136.4	58-110	117	242.6
58-101	60	140.0	58-111	121	249.8
58-102	66	150.8	58-120	128	262.4
58-103	72	161.6	58-113	141	285.8
58-104	77	170.6	58-114	152	305.6
58-105	84	183.2	58-115	167	332.6
58-106	91	195.8	58-116	184	363.2
58-107	98	208.4	58-117	216	420.8
58-108	104	219.2	58-118	228	442.4
58-109	109	228.2	58-119	240	464.0

UL LISTED FAST ACTING GMA INSTRUMENT FUSES

5mm dia. x 20mm long
(.197") x (.787")

Part#	Current Rating	Voltage Rating	Price Box of 5
31-291	1/16 amp	250 volt	$6.35
31-292	1/10 amp	250 volt	4.25
31-293	1/8 amp	250 volt	4.25
31-806	16/100 amp	250 volt	2.85
31-807	2/10 amp	250 volt	2.85
31-808	1/4 amp	250 volt	2.85
31-809	3/10 amp	250 volt	2.85
31-810	4/10 amp	250 volt	2.85
31-811	1/2 amp	250 volt	2.25
31-812	6/10 amp	250 volt	2.25
31-295	63/100 amp	250 volt	2.25
31-813	7/10 amp	250 volt	2.25
31-814	3/4 amp	250 volt	2.25
31-815	8/10 amp	250 volt	2.25
31-816	1 amp	250 volt	2.25
31-817	1-2/10 amp	250 volt	2.25
31-818	1-1/4 amp	250 volt	2.25
31-819	1-1/2 amp	250 volt	2.25
31-820	1-6/10 amp	250 volt	2.25
31-821	2 amp	250 volt	2.25
31-822	2-1/2 amp	250 volt	2.25
31-823	3 amp	250 volt	2.25
31-824	3.15 amp	125 volt	2.25
31-825	3-1/2 amp	125 volt	2.25
31-296	4 amp	125 volt	2.25
31-297	5 amp	125 volt	2.25
31-298	6 amp	125 volt	2.25
31-299	6-3/10 amp	125 volt	2.25
31-300	7 amp	125 volt	2.40
31-301	8 amp	125 volt	2.40
31-302	10 amp	125 volt	2.40
31-303	15 amp	125 volt	2.40

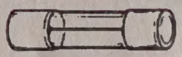
ATC FUSE ASSORTMENT



One pack of 6 different values:
7.5, 10, 15, 20, 25 and 30 amp. ATC type

31-900..**$ .99**

FAST ACTING MINIATURE FUSES

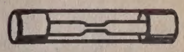


GMA type, F type
5mm x 20mm, .197" x .769", 250 volt

Part#	Amp	Part#	Amp
31-274	.25	31-345	3
31-320	.5	31-278	3.15
31-275	.75	31-350	4
31-325	1	31-355	5
31-276	1.25	31-360	6
31-330	1.5	31-365	7
31-277	1.6	31-279	8
31-335	2	31-280	10
31-340	2.5		

Box of 5/**$ .75**

NORMAL BLOW FUSES

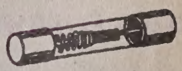


AGC type, 3AG type
1-1/4" x 1/4"
250 volt

Part#	Amp	Part#	Amp
31-005	.25	31-050	5.0
31-010	.50	31-055	6.0
31-015	.75	31-060	7.0
31-020	1.0	31-062	7.5
31-025	1.5	31-065	8.0
31-030	2.0	31-070	10.0
31-035	2.5	31-075	15.0
31-040	3.0	31-080	20.0
31-272	3.5	31-273	30.0
31-045	4.0		

1-19 boxes of 5/**$ .45**
20 or more boxes of 5/**$ .30**
No Mixing Values For Discount

SLOW BLOW FUSES



MDL type, 3AG type
1-1/4" x 1/4"
250 volt

Part#	Amp	Part#	Amp
31-281	.25	31-160	3.5
31-130	.50	31-165	4.0
31-135	1.0	31-170	5.0
31-140	1.5	31-175	6.0
31-145	2.0	31-180	7.0
31-150	2.5	31-283	8.0
31-155	3.0	31-284	10.0

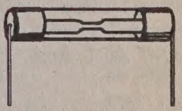
Box of 5/**$1.50**

CERAMIC FUSES

ABC type
1-1/4" x 1/4"
Ceramic fuses for use in microwave ovens.

Part#	Amperage	Price
31-354	10	Box of 5/$1.50
31-356	12	Box of 5/$1.50
31-181	15	Box of 5/$1.50
31-182	20	Box of 5/$1.50

NORMAL BLOW PIGTAIL FUSES



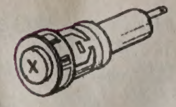
GJV type, 3AG type
1-1/4" x 1/4", 250 volt

Part#	Amp	Part#	Amp
31-286	.25	31-250	3.0
31-230	.50	31-255	4.0
31-287	.75	31-260	5.0
31-235	1.0	31-265	6.0
31-240	1.5	31-270	7.0
31-245	2.0	31-290	10.0
31-288	2.5		

Box of 5/**$ .75**

FUSEHOLDERS

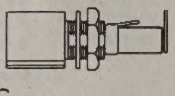
3AG FUSEHOLDER



Mfg. - EDK
Mfg.# - FH-S07
Screwdriver slot knob
Rated 10 amp @ 250 VAC
For 1-1/4" x 1/4" AGC fuse. Mounts in a .6" hole, snap mount. Solder tab

43-195..........$ .65

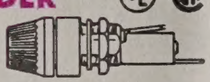
3AG FUSEHOLDER



Mfg. - BUSSMAN
Mfg.# - HK-HMM
Screwdriver slot knob
Rated 15 amp @ 250 VAC
For 1-1/4" x 1/4" AGC fuse.
Mounts in a 1/2" hole

43-144..........$ .85

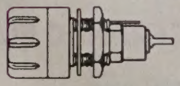
3AG FUSEHOLDER



Mfg. - LITTLE FUSE
Mfg.# - 342858A
Knurled knob with Bayonet cap
Rated 20 amp @ 250 VAC. For 1-1/4" x 1/4" AGC fuse. Mounts in a 1/2" hole. !/4" quick connect. Hardware included.

43-202.......... *New* $ .99

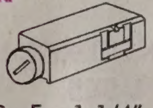
3AG WATERTIGHT FUSEHOLDER



Mfg. - LITTELFUSE
Mfg.# - 342006
Screw type knob. Rated 20 amp @ 250 V. For 1-1/4" x 1/4"AGC fuse. Mounts in a 5/8" hole. Solder terminal. Hardware included.

43-198..........$1.99

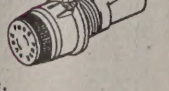
3AG FUSEHOLDER



Mfg. - LITTELFUSE
Mfg.# - H345101
Gray slotted fuse carrier
Rated 15 amp @ 250 VAC. For 1-1/4" x 1/4" AGC fuse. Horizontal PC mount

43-152..........$ .50

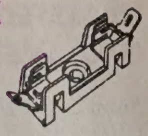
3AG FUSEHOLDER



Threaded type knob
For 1-1/4" x 1/4" AGC fuse. Mounts in a .6" hole.
Hardware included.

FH66..........$ .49

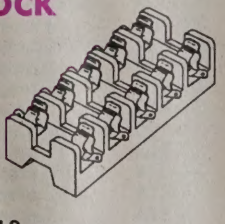
3AG OMNI-BLOCK FUSEHOLDER



Mfg. - LITTELFUSE
Molded base type with 1/4" quick connect.
For 1-1/4" x 1/4" AGC fuse.

Part#	*Position*	*Mfg#*	*Price*
43-168	1	357	**$ .35**
43-169	2	354	**$ .70**

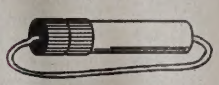
3AG FUSE BLOCK



Black molded base with solder terminal. Holds 1-1/4" x 1/4" AGC fuses, Rated at 10 amp.

43-192	3 Position	**$1.25**
43-176	5 Position	**$1.35**
43-191	8 Position	**$2.29**
43-177	10 Position	**$2.49**

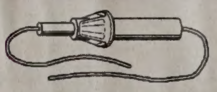
AGC IN-LINE FUSEHOLDER



For 1-1/4" x 1/4" AGC fuse
Overall length 9"

43-182	14 AWG	**$ .59**
43-181	12 AWG	**$ .69**
43-180	10 AWG	**$ .79**

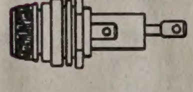
AGC IN-LINE FUSEHOLDER



Bayonet type assembly
22 AWG wire
For 1-1/4" x 1/4" AGC fuse.
Overall length 16".

43-172..........$ .30

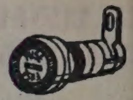
13/32" X 1-1/2" FUSEHOLDER



Mfg. - BUSSMAN
Mfg.# - HPL-B
Screw type knob. Rated 30 amp @ 600 V. Mounts in 7/8" hole. Accepts 13/32" x 1-1/2" fuse. Has solder type terminals. For supplementary protection (relays, transformers, ballasts, etc.).

43-137..........$1.99

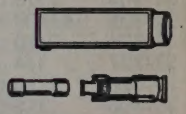
GMA FUSEHOLDER



Mfg. - LITTELFUSE
Mfg.# - 345621
Slot knob style. Rated 20 amps @ 300 V. Right angle terminal. Hardware included.

43-167..........$ .85

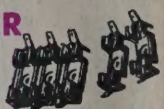
GMA PC BOARD FUSEHOLDER



Mfg. - SCHURTER
Rated 10 Amps
Horizontal mounts
Accepts 5mm x 20mm GMA fuse

43-162..........$ .45

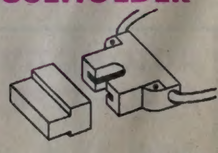
GMA FUSEHOLDER



Mfg. - SCHURTER
For tight cluster mounting of 5mm x 20mm fuses. Five pole units. Breakaway design permits fuse block to be sub divided by hand. Rated 10 amp @ 250 VAC, and features 3/16" quick connect terminals.

43-131..........$1.25

ATC IN-LINE FUSEHOLDER

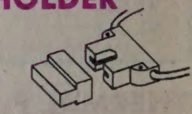


Heavy duty bakelite
Waterproof cover
For blade type fuses

8" 16 AWG wire
FH14..........$1.25

4-1/2" 12 AWG wire
43-188..........$1.25

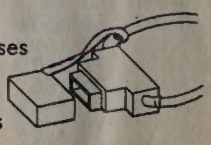
MINI ATC FUSEHOLDER



For use with mini ATC type fuses. 12 AWG red wire forms a 10" loop.
Holder and cover.
Current up to 30 amp.

43-179..........$1.25

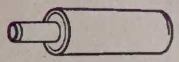
MAXI ATC IN-LINE FUSEHOLDER



For Maxi fuse blade fuses
Waterproof cover
8 AWG wire
Current up to 60 amps

43-185..........$3.99

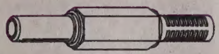
DC COAXIAL POWER PLUGS



Black

Part#	OD x ID	Price
60-211	3.4mm x 1.4mm	$ .50
60-213	5.5mm x 2mm	$ .50
60-214	5.5mm x 2.5mm	$ .50
60-229	5.5mm x 3mm	$ .50

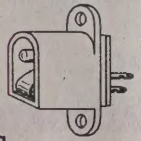
5.5mm DC COAXIAL POWER PLUGS



WITH BLACK STRAIN RELIEF

Part#	I.D.	Price
60-357	2.15mm	$ .50
60-358	2.5mm	$ .50

5.5mm DC POWER JACKS



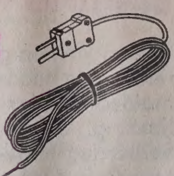
For 5.5mm O.D. mating plug
Solder lug

Part#	For Center	(1-99)	(100-Up)
60-350	2.15mm	$ .45	$ .29
60-359	2.5mm	$ .45	$ .29

Right angle

Part#	For Center	(1-99)	(100-Up)
60-360	2.15mm	$ .39	$ .25
60-361	2.5mm	$ .39	$ .25

BEADED THERMOCOUPLE PROBE

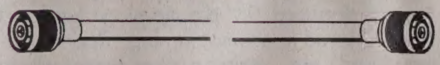


Mfg. - GDT
K-type probe ranges
0°F to 2000°F (-20°C to 1370°C).
Replacement temperature probe.

New

RTL-110..**$11.95**

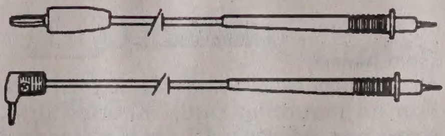
TNC "M" TO TNC "M" CABLE



RG-59U

Part#	Length	Price
60-201	1ft	**$1.49**
60-202	2ft	**$1.99**
60-203	4ft	**$2.25**

TEST LEADS

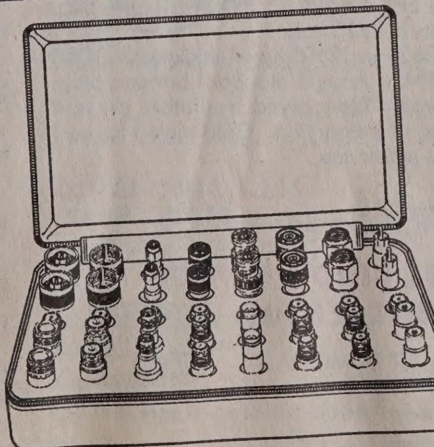


These 3 ft. unbreakable red and black leads have strain reliefs on the flexible test prods and banana plugs.

Part#	Type	(1-24)	(25-Up)
HE468R	R/A	**$1.99**	**$1.75**
52-105	Straight	**$1.99**	**$1.75**

UNIVERSAL CONNECTOR ADAPTER KIT

Gold Plated

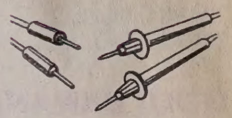


Gold plated, gold contacts and teflon insulation. 40 piece kit includes two each male and female UHF, mini UHF, "N", BNC, TNC, SMA, "F", RCA and 8 universals. Complete with vinyl storage case with zipper.

60-362............................**$124.95**

Quickly assemble the exact adapter for any job.

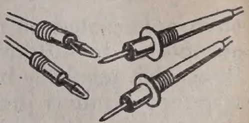
MULTIMETER TEST LEAD SETS



1 black / 1 red
Pin tip plug to pin tip plug.
1000 volt max

New

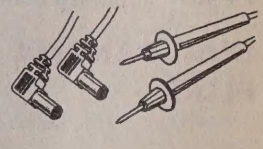
RTL-108.............24" long...............**$ .99**



1 black / 1 red
Banana plug to pen style probes.
1200 volt max

New

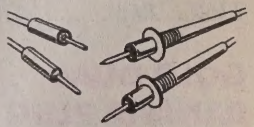
RTL-112.............38" long..............**$3.95**



1 black / 1 red
Shielded right angle banana plug to pen style probes.
1200 volt max

New

RTL-104.............38" long..............**$4.75**

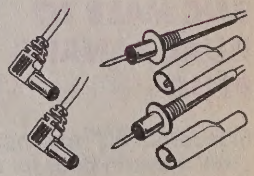


1 black / 1 red
Pen style probe to tip jack.
1000 volt max

New

52-110.............48" long..............**$4.75**

DELUXE

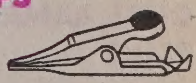


1 black / 1 red
Shielded banana plug to threaded/pointed test tip, also includes 1 black / 1 red threaded insulated alligator clip.
1200 volt max

New

RTL-111.............42" long..............**$6.45**

ALLIGATOR CLIPS

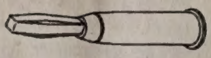


Mfg. - MUELLER
Mfg.# - 34C
Solder connection
For 20 AWG or smaller wire
1-3/32" clip length, 7/32" jaws open
Copper

New

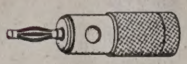
52-111...........................pk of 10/**$ .75**

BANANA PLUG



Part	Color	(1-99)	(100-Up)
2349B	Black	**$ .35**	**$ .27**
2349R	Red	**$ .35**	**$ .27**

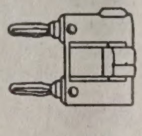
GOLD BANANA PLUG



4mm gold plated all metal construction, accepts up to 4.9mm cable diameter. These high reliability banana plugs fit all standard banana jacks and are interchangeable with all standard banana plugs. Ideal for rear speaker coupling.

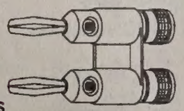
Part	Description	Price
74-438	Black band	**$1.99**
74-439	Red band	**$1.99**

DUAL BANANA PLUG



Part	Color	(1-99)	(100-Up)
2360	Black	**$1.85**	**$1.65**
2362	Red	**$1.85**	**$1.65**

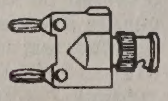
GOLD DUAL BANANA PLUG



Gold plated, 2 pole plugs with color coded set screws for securing wires.

74-392......**$2.99**

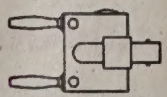
BNC MALE TO DUAL BANANA PLUG



Standard .750" spacing.
.161" holes in body for side spacing.

Part	(1-99)	(100-Up)
2380	**$3.75**	**$3.45**

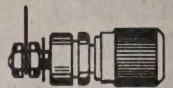
BNC FEMALE TO DUAL BANANA PLUG



Standard .750" spacing
.161" holes for side stacking.

Part	(1-99)	(100-Up)
2382	**$4.95**	**$4.49**

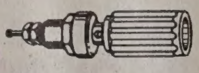
BINDING POST



Round, knurled grip, removable head with molded-in brass bushing. Banana plug receptacle in stem. Solder lug termination on mounting stud. Mounts in 1/4" diameter hole.

Part	Color	(1-99)	(100-Up)
227B	Black	**$ .45**	**$ .35**
227R	Red	**$ .45**	**$ .35**

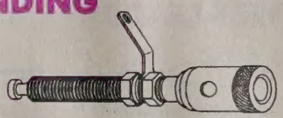
INSULATED BINDING POST



Accepts standard .08" dia. tip plug. Insulated body is flatted to prevent turning. Round captive thumb nut. Banana plug receptacle in stem. Mounts in a 1/4" dia. hole.

Part	Color	(1-99)	(100-Up)
80-265	Red	**$ .50**	**$ .45**
80-266	Black	**$ .50**	**$ .45**

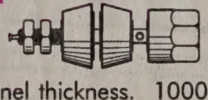
GOLD BINDING POST



Gold plated, all metal construction. Solder lug termination on mounting stud. Knurled grip, screw type adjustment. Accepts standard banana plug or wire in side hole. Mounts in a 3/16" hole.

Part	Color	Price
74-487	Black	**$1.99**
74-488	Red	**$1.99**

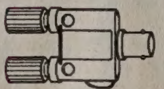
30 AMP GOLD PLATED BINDING POST



Mfg. - EF Johnson
Mounts in 1/2" hole.
For .062" to .250" panel thickness. 1000 VAC RMS. Accepts standard banana plug, hex type. Blue keyed insulators prevent turning of installation. Gold plated for corrosion resistance.

Part	(1-99)	(100-Up)
80-259	**$1.75**	**$1.49**

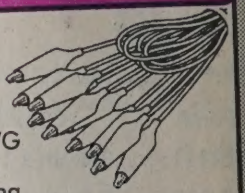
DUAL BINDING POST TO BNC FEMALE



Mfg. - ITT POMONA
Mfg.# - 1452
Red and black binding posts accept banana plugs or wire.

Part	(1-99)	(100-Up)
74-421	**$5.49**	**$4.99**

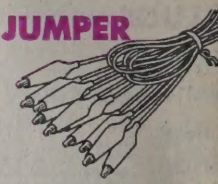
JUMPER TEST LEADS



One set of 10, 12" long 24 AWG color coded test leads with 1" long covered alligator clips soldered at each end. Set has 2 each of 5 colors.

Part	Description	(1-24)	(25-Up)
52-100	pack of 10	**$1.95**	**$1.79**

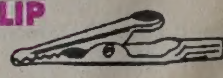
HEAVY DUTY JUMPER TEST LEADS



One set of 10, 12" long 20 AWG color coded test leads with 1" long covered alligator clips at each end. Set has 2 each of 5 colors.

Part	Description	(1-24)	(25-Up)
AC1	pack of 10	**$3.99**	**$3.79**

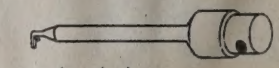
ALLIGATOR CLIP



Solder type.
2" overall length.

Part	(1-99)	(100-Up)
52-102	**$ .10**	**$ .08**

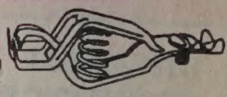
EZ CLIP



2-1/4" long
Solder type, Spring loaded

Part	Color	Price
80-211	Black	**$ .50**
80-212	Red	**$ .50**

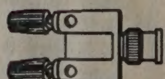
25 AMP BATTERY CLIP



Mfg. - Mueller
2-27/32" clip length
3/4" jaw opening,
Steel, copper shunt. Zinc plated, teeth on one jaw and notched on the other to allow it to stand erect on battery post.

Part	(1-99)	(100-Up)
52-103	**$ .50**	**$ .40**

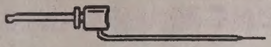
BNC MALE TO DUAL BINDING POST



UG-1441/U.
Red & black binding posts accept banana plugs or wire.

Part	(1-99)	(100-Up)
74-240	**$4.75**	**$4.35**

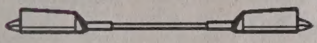
"CLIPPER"



36" long / 20 AWG
2-1/2" clip, clips up to .06" dia.

		(1-24)	(25-Up)
52-1149-0	BLACK	**$2.49**	**$2.29**
52-1149-2	RED	**2.49**	**2.29**

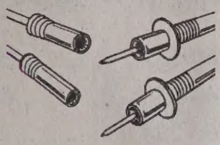
ALLIGATOR CLIPS



36" long / 20 AWG
5/16" jaw opening

		(1-24)	(25-Up)
52-3030-0	BLACK	**$2.39**	**$2.19**
52-3030-2	RED	**2.39**	**2.19**

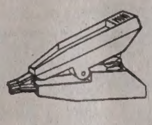
MULTIMETER TEST LEAD SET



48" long / 18 AWG
1 black / 1 red
Shielded banana plug

	(1-9)	(10-Up)
52-2141-D	**$9.99**	**$9.49**

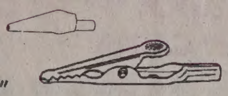
KELVIN CLIP



Clip length - 2-5/8"
Jaw opening - 5/16"
Used for 4-wire resistance measurement systems. Jaws are electrically isolated when open, shorted when closed. Contacts copper/ silver handles.

	(1-9)	(10-Up)
52-75K	**$7.50**	**$6.99**

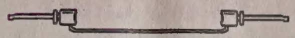
COMPLETELY INSULATED FOR WIRE OR BANANA PLUG



Clip length - 2-1/4"
Jaw opening - 5/16"

	(1-99)	(100-Up)
5 Amp - Red-Plated steel 52-63R	**$ .62**	**$ .58**
5 Amp - Black-Plated steel 52-63B	**$ .62**	**$ .58**
10 Amp - Red-Solid copper 52-63CR	**$ .69**	**$ .65**
10 Amp - Black-Solid copper 52-63CB	**$ .69**	**$ .65**

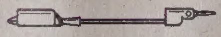
"MINI-CLIPPER"



36" long / 20 AWG
1-3/4" clip, clips up to .06" dia.

		(1-24)	(25-Up)
52-1010-0	BLACK	**$3.97**	**$3.69**
52-1010-2	RED	**3.97**	**3.69**

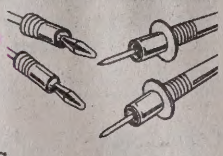
ALLIGATOR CLIP TO BANANA PLUG



36" long / 20 AWG

		(1-24)	(25-Up)
52-2030-0	BLACK	**$3.92**	**$3.69**
52-2030-2	RED	**3.92**	**3.69**

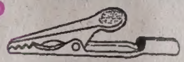
MULTIMETER TEST LEAD SET



48" long / 18 AWG
1 black / 1 red
Standard banana plug

	(1-9)	(10-Up)
52-2641-D	**$9.99**	**$9.49**

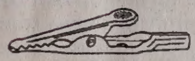
ALLIGATOR CLIP



Clip length - 1-1/2"
Jaw opening - 3/16"
#20 AWG wire or smaller
5 Amp
Has solder or crimp barrel tail. Plated steel.

	(1-99)	(100-Up)
52-30BL	**$ .20**	**$ .18**

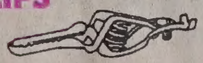
FOR BANANA PLUG



Clip length - 2"
Jaw opening - 5/16"
I.D. - .161"
5 Amp
Has small lip for soldering. Plated steel.

	(1-99)	(100-Up)
52-60	**$ .25**	**$ .22**

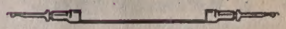
CROCODILE CLIPS



Clip length - 2-1/8"
Jaw opening - 5/16"
10 Amp
Solid contact along entire length of jaw. 6-40 brass set screw.

	(1-99)	(100-Up)
Plated steel 52-85	**$ .37**	**$ .34**
Solid copper 52-85C	**$ .60**	**$ .54**

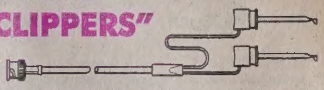
"MICRO-CLIPPER"



36" long / 20 AWG
1-3/4" clip
Clips up to .025"

		(1-24)	(25-Up)
52-1414-0	BLACK	**$4.75**	**$4.49**
52-1414-2	RED	**4.75**	**4.49**

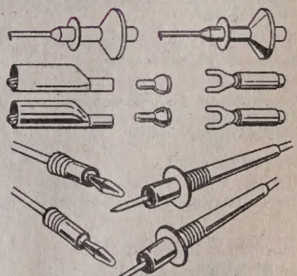
BNC TO DUAL "MINI-CLIPPERS"



36" long
(24" RG-58)

	(1-9)	(10-Up)
52-1150	**$11.99**	**$11.25**

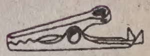
DELUXE MULTIMETER TEST LEAD KIT



One set of 52-2641; and 1 red and 1 blk: "clippers", spade lug, insulator extension for test prod, insulated alligator boot.

	(1-9)	(10-Up)
52-3917	**$13.99**	**$13.49**

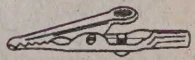
SOLDER CONNECTION



Clip length - 1-3/32"
Jaw opening - 3/16"
#20 AWG wire or smaller
5 Amp

	(1-99)	(100-Up)
Plated steel 52-30	**$ .20**	**$ .19**
Solid copper 52-30C	**$ .25**	**$ .19**

SCREW CONNECTION

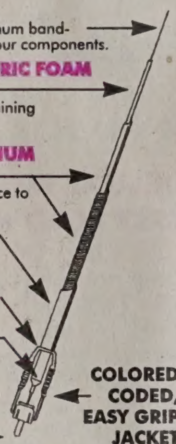


Clip length - 2"
Jaw opening - 5/16"
6-40 set screw
5 Amp

	(1-99)	(100-Up)
Plated steel 52-60S	**$ .32**	**$ .28**
Solid copper 52-60CS	**$ .48**	**$ .44**

ProLink™ Audio Cables

Made with 18 AWG., 99.96% Oxygen Free Copper, the cable is double shielded for virtually 100% full shielding. It's heavy 24KT. gold plated connectors are also insulated with a patented shield that eliminates all interference, giving a superb performance level found only in higher priced hi-performance cables. A molded center turn on wire eliminates the need to run that extra wire...



STRANDED OFC
(Oxygen Free Copper) Provides maximum bandwidth for optimum signal transfer to your components.

PRECISION FORMED DIELECTRIC FOAM INSULATORS
Prevents signal migration while maintaining impedance integrity.

COPPER BRAID AND ALUMINUM SHIELDS
Shields prevent RFI and EMI interference to insure maximum signal transfer.

PVC JACKET
Rugged and flexible for great looks and durability.

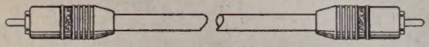
HEAVY DUTY STRAIN RELIEF
Insures strength and long life.

PATENTED RF SHIELD
Provides superb performance level shielding against RF interference. 5,183,411 U.S. PATENT

24k GOLD PLATED CENTER PIN
Low loss and optimum signal transfer.

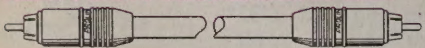
COLORED CODED, EASY GRIP JACKET
For easy identification.

SINGLE RCA to RCA



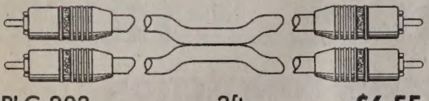
PLC-103	3ft	$3.25
PLC-106	6ft	$4.25
PLC-112	12ft	$5.95
PLC-120	20ft	$8.95

HEAVY DUTY SINGLE RCA to RCA



PLC-303	3ft	$6.55
PLC-306	6ft	$8.49
PLC-312	12ft	$12.25
PLC-320	20ft	$15.49

DUAL RCA to RCA

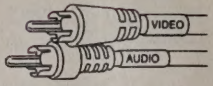


PLC-203	3ft	$6.55
PLC-206	6ft	$8.25
PLC-212	12ft	$11.99
PLC-220	20ft	$15.25

RCA "Y" ADAPTER CABLES

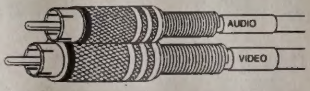
RCA jack to two RCA plugs PLCY2M	$2.49
RCA plug to two RCA jacks PLCY2F	$2.49

DUAL GOLD RCA TO RCA DUBBING CABLE



Audio and video hook-up. Gold plated color coded plugs.

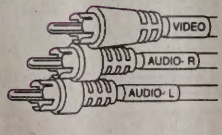
36-112	6ft	$2.49



Gold plated all metal construction color coded plugs. RG59U

VWX	6ft	$6.50

GOLD AUDIO/VIDEO CABLES



Gold plated color coded plugs. Two for audio, one for video.

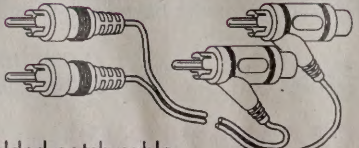
36-109	12ft	$4.49

AUDIO - R
AUDIO - L
VIDEO

Gold plated all metal construction color coded plug. RG59U

SDC	6ft	$7.95

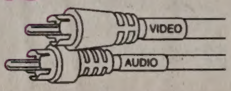
2 RCA PLUGS TO 2 RCA PLUGS & JACKS



6ft shielded patch cable.
Permits 2 stereo connections on one set of auxiliary jacks. Color coded.

NRC-1	$2.95

2 RCA PLUGS TO 2 RCA PLUGS



6ft shielded patch cable.

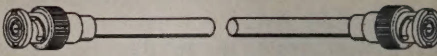
NRC-2	Color coded	$2.00

RCA TO RCA CABLE

RG-59U

894-RG	6ft	$1.25
	Gold	
894-GR6	6ft	$1.75

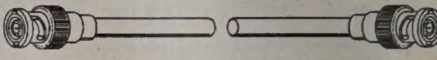
BNC MALE TO BNC MALE CABLE



Shielded RG-59U, 75 ohms

60-298	3ft	$3.50
60-299	6ft	$4.95
60-300	12ft	$6.95
60-204	25ft	$7.95

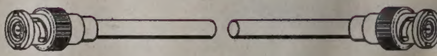
BNC MALE TO BNC MALE CABLE



Shielded RG-58, 50 ohms

60-232	3ft	$3.50
60-233	6ft	$4.95
60-234	12ft	$6.95
60-235	25ft	$8.95

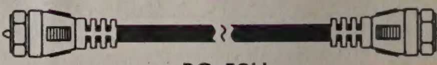
20FT BNC COAX CABLE



20ft. RG62/U 93 ohm cable pre-assembled with a BNC male connector on each end. For Arcnet and IBM 3270 networks.

60-297	$2.95

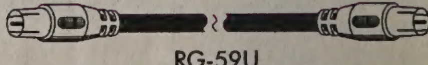
"F" TO "F" CABLE



RG-59U

892-3	3ft	$ .99
892-6	6ft	$1.20

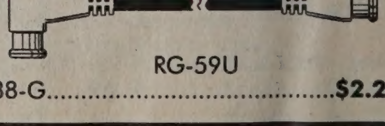
QUICK "F" TO QUICK "F" CABLE



RG-59U

893-5	5ft	$ .99
893-6	6ft	$1.50

6FT GOLD QUICK "F" TO QUICK "F" RIGHT ANGLE

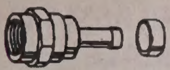


RG-59U

888-G	$2.25

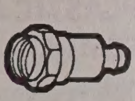
CATV ACCESSORIES

"F" MALE CRIMP



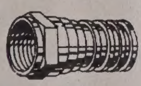
FC65	For RG-59	$ .18
60-341	Gold For RG-59	$ .28
FC65-6	For RG-6	$ .18

"F" MALE CRIMP



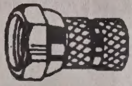
FCR	For RG-59	$ .23
FCR-6	For RG-6	$ .25

"F" MALE CRIMP



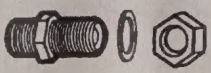
FC57	For RG-59	$ .25
60-339	Gold For RG-59	$ .35
60-340	For RG-6	$ .25
60-301	Gold For RG-6	$ .35

"F" MALE TWIST ON



60-142	For RG-59	$ .25
FCG59C	Gold For RG-59	$ .35
60-342	For RG-6	$ .25
60-343	Gold For RG-6	$ .35

DOUBLE FEMALE "F"

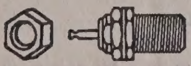


FC67		$ .40
FCG67	GOLD	$ .55

RCA FEMALE/ "F" MALE

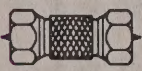
FC63..$ .99

"F" CHASSIS



F61..$ .35

DOUBLE MALE "F"



FC73..$ .69

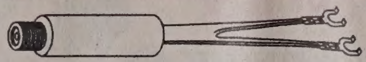
75 OHM "F" TERMINATOR

FC2D..$ .35

QUICK "F" ADAPTER

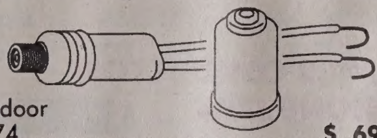
FC62..$ .50

MATCHING TRANSFORMERS



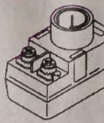
Input 300 ohm twin lead with spade lugs
Output 75 ohm "F" female

Indoor
MT73..$ .35



Outdoor
MT74..$ .69

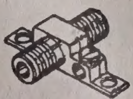
MATCHING TRANSFORMER



Push on matching transformer
Input 300 ohms screw type
Output 75 ohm push on

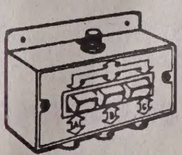
56-102..$ .48

GROUNDING BLOCK



FC50..$ .50

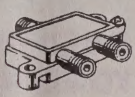
A/B/C SWITCH



75 ohm input/output
"F" type

CS4S..$4.95

2 WAY SPLITTER



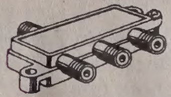
UHF/VHF/FM
5-900 MHz

	(1-99)	*(100-Up)*
FC2W	$ .98	$ .85

Gold plated, 5-900 MHz
30 dB port to port isolation

FCG2W..$1.45

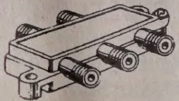
3 WAY SPLITTER



UHF/VHF/FM
5-900 MHz

	(1-99)	*(100-Up)*
FC3W	$1.35	$1.19

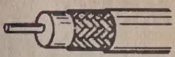
4 WAY SPLITTER



UHF/VHF/FM
5-900 MHz

	(1-99)	*(100-Up)*
FC4W	$1.65	$1.25

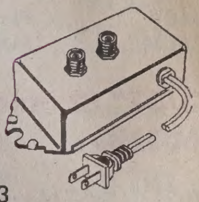
RG59/U-TV CABLE



OD - .24", black
75 ohm impedance
80% copper shield, 22 AWG solid center.

60-175	Black	$ .12/ft
60-318	White	$ .12/ft

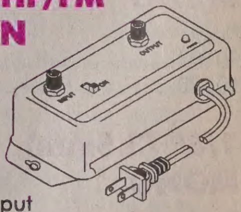
10 dB VHF/FM DISTRIBUTION AMPLIFIER



117 VAC input
50-300 MHz 75 ohm
One output 10 dB gain
Amplifies channels 2-13

DA24..$9.95

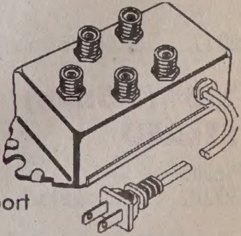
24 dB UHF/VHF/FM DISTRIBUTION AMPLIFIER



117 VAC input
Switchable FM trap
75 ohm input & output
Amplifies mid & super band
Lightning protection

DA26..$19.95

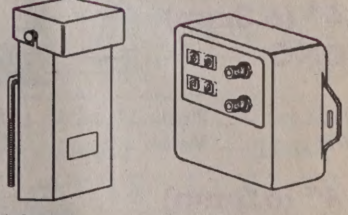
4 WAY AMPLIFIER SPLITTER



117 VAC input
75 ohm
3 dB gain to each port
No picture loss

DA27B..$19.95

25 dB UHF/VHF/FM MAST MOUNT AMPLIFIER

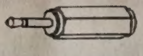


117 VAC input
75 or 300 ohm input & output. Gain VHF 25 dB, UHF 22 dB. Full lightning protection

57-108..$29.95

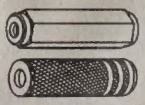
RCA & AUDIO CONNECTORS

3/32" (2.5mm) MONO



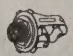
702P	Plastic	$ .50

3/32" (2.5mm) MONO



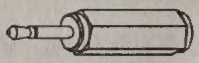
660V	Plastic	$ .50
660M	Metal	$ .65

3/32" (2.5mm) MONO



702J	SPST Normally Closed	$ .50

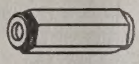
1/8" (3.5mm) MONO



Plastic

501PR	Red	$ .50
501PB	Black	$ .50

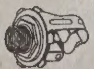
1/8" (3.5mm) MONO



Plastic

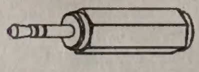
501V	Black	$ .50

1/8" (3.5mm) MONO



501J	SPST Normally Closed	$ .50

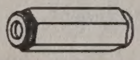
1/8" (3.5mm) STEREO



Plastic

502P	Black	$ .50

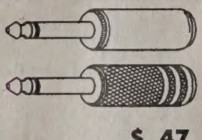
1/8" (3.5mm) STEREO



Plastic

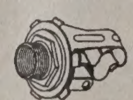
S183	Black	$ .50

1/4" (6.3mm) MONO



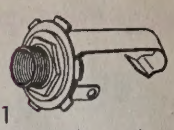
527	Plastic	$ .47
53WS	Metal	$ .90

1/4" (6.3mm)



60-243	Mono	$ .50
60-205	Stereo	$ .70

1/4" LITTEL JAX PHONE JACK

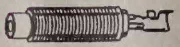


Mfg. - SWITCHCRAFT, #11

Features notched insulating washers that mechanically interlock springs and solder lugs. "V" bend in tip spring firmly holds mating phone plug.

60-321	$ .99

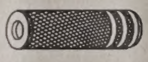
1/4" 2 CONDUCTOR PHONE JACK



1/4" long. Thick panel jacks. Two conductor, open circuit. Has extended bushings. Hardware included.

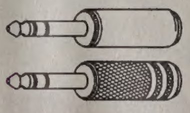
345	$ .75

1/4" (6.3mm) MONO



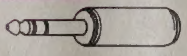
519M	Metal	$1.45

1/4" (6.3mm) STEREO



524W	Plastic	$ .50
524WS	Metal	$ .95

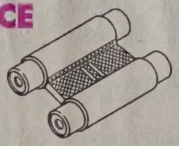
DRAKE AND COLLINS



Stereo

224D	.206 Dia Plastic	$1.57

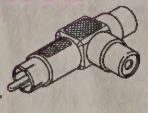
GOLD DUAL FEMALE TO FEMALE SPLICE



Gold plated connection
Plastic body

74-474	$1.99

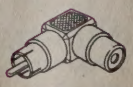
GOLD "Y" CONNECTOR



1 male to 2 females.
Allows two cables to share one jack. Plastic body.

74-475	$1.69

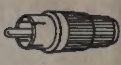
GOLD 90° RCA ADAPTER



Gold plated connection
Plastic body

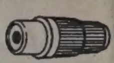
74-476	$1.49

PLASTIC SHELL MALE



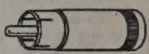
MS14B	Black	$ .25
MS14R	Red	$ .25

PLASTIC SHELL FEMALE



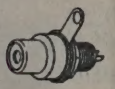
MS15B	Black	$ .35
MS15R	Red	$ .35

METAL SHELL



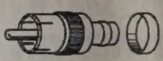
MS10	Male	$ .47

CHASSIS MOUNT JACK



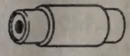
MS12	$ .48

CRIMP FOR RG59



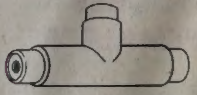
RP59	Male	$ .50

RCA DOUBLE



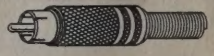
SA13	Female	$ .75

RCA FEMALE "T"



RCA-T	$2.00

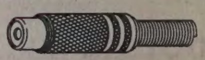
RCA PLUG



All metal construction
Strain relief

74-493		$ .75
APC-1	Gold	$1.25

GOLD RCA JACK

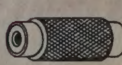


All metal construction
Strain relief

74-479	$1.25

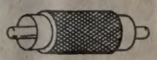
GOLD RCA SPLICE

Gold plated
All metal construction



Female to Female

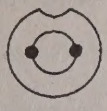
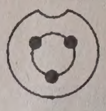
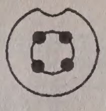
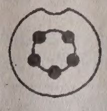
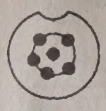
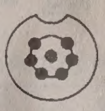
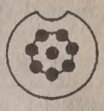
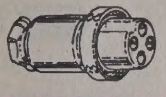
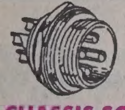
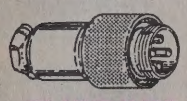
74-436	$1.39

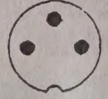
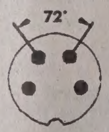
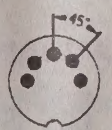
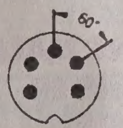
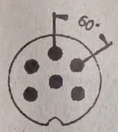
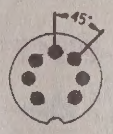
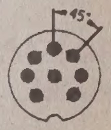
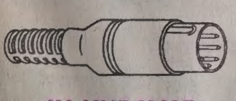
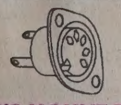
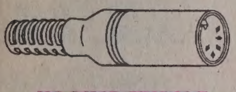


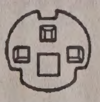
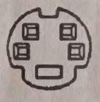
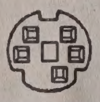
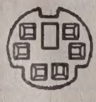
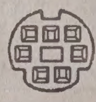
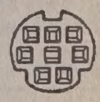
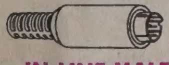
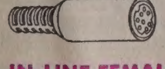
Male to Male

74-437	$1.69

CONNECTORS

MIC CONNECTORS	2 Pin 	3 Pin 	4 Pin 	5 Pin 	6 Pin 	7 Pin 	8 Pin 
 **IN-LINE FEMALE**	Order No. **MC2P** **$1.75**	Order No. **MC3P** **$1.75**	Order No. **MC4P** **$1.75**	Order No. **MC5P** **$1.75**	Order No. **MC6P** **$2.00**	Order No. **MC7P** **$2.75**	Order No. **MC8P** **$2.50**
 **MALE CHASSIS SOCKET**	Order No. **2PMCS** **$1.75**	Order No. **3PMCS** **$2.00**	Order No. **4PMCS** **$1.40**	Order No. **5PMCS** **$1.50**	Order No. **6PMCS** **$2.00**	Order No. **7PMCS** **$2.50**	Order No. **8PMCS** **$2.00**
 **IN-LINE MALE**	Order No. **2ILC** **$2.00**	Order No. **3ILC** **$2.25**	Order No. **4ILC** **$3.50**	Order No. **5ILC** **$3.75**	Order No. **6ILC** **$2.25**	Order No. **7ILC** **$2.75**	Order No. **8ILC** **$2.75**

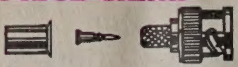
DIN CONNECTORS	3 Pin 	4 Pin 	5 Pin 	5 Pin 	6 Pin 	7 Pin 	8 Pin 
 **IN-LINE MALE**	------------	Order No. **DP4M** **$1.75**	Order No. **DP5-180M** **$ .75**	Order No. **DP5-240M** **$ .75**	Order No. **DP6M** **$ .75**	Order No. **DP7M** **$ .75**	Order No. **DP8M** **$ .75**
 **CHASSIS MOUNT FEMALE**	Order No. **DP3C** **$ .75**	Order No. **DP4C** **$ .75**	Order No. **DP5C-180** **$ .99**	Order No. **DP5C-240** **$ .75**	Order No. **DP6C** **$ .75**	Order No. **DP7C** **$1.09**	Order No. **DP8C** **$1.09**
 **IN-LINE FEMALE**	------------	------------	Order No. **DP5-180F** **$ .75**	Order No. **DP5-240F** **$ .75**	Order No. **DP6F** **$ .75**	Order No. **DP7F** **$ .75**	Order No. **DP8F** **$ .75**

MINI DIN CONNECTORS	3 Pin 	4 Pin 	5 Pin 	6 Pin 	7 Pin 	8 Pin 
 **IN-LINE MALE**	Order No. **EMA3** **$1.12**	Order No. **EMA4** **$1.12**	Order No. **EMA5** **$1.12**	Order No. **EMA6** **$1.12**	Order No. **EMA7** **$1.12**	Order No. **EMA8** **$1.12**
 **IN-LINE FEMALE**	Order No. **EML3** **$2.38**	Order No. **EML4** **$2.38**	Order No. **EML5** **$2.38**	Order No. **EML6** **$2.38**	Order No. **EML7** **$2.38**	Order No. **EML8** **$2.38**

BNC CONNECTORS

BNC MALE 3-PIECE CRIMP

Industry Standard Type

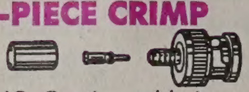


Male crimp style BNC. Captive gold pin.

Part#	Cable	1-99	100-Up
60-251	RG-58	$1.25	$ .99
60-252	RG-58 Teflon	1.25	.99
60-253	RG-59/62	1.25	.99
60-254	RG-59/62 Teflon	1.25	.99
60-255	RG-6	1.25	.99
60-256	Belden 8281	1.25	.99

BNC MALE 3-PIECE CRIMP

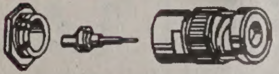
Economy Type



Male crimp style BNC. Captive gold pin.

Part#	Cable	1-99	100-Up
60-257	RG-58	$1.10	$ .89
60-258	RG-58 Teflon	1.10	.89
60-259	RG-59/62	1.10	.89
60-260	RG-59/62 Teflon	1.10	.89
60-261	RG-6	1.10	.89

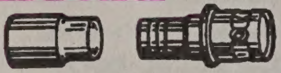
BNC MALE 3-PIECE SOLDER



Male BNC solder or crimp contact. Gold center pin.

Part#	Cable	1-99	100-Up
60-262	RG-58	$1.50	$ 1.30
60-263	RG-59/62	1.50	1.30
60-264	RG-59/62 Teflon	1.50	1.30

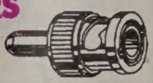
BNC FEMALE 2-PIECE CRIMP



Female crimp style BNC.

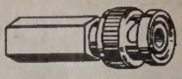
Part#	Cable	1-99	100-Up
60-279	RG-58	$1.25	$ .99
60-280	RG-59/62	1.25	.99
60-281	RG-6	1.25	.99
60-282	RG-59/62 Teflon	1.25	.99

BNC TERMINATORS



50 ohm, 1/2 watt, 1% 60-302	$1.99
75 ohm, 1/2 watt, 1% 60-303	$1.99

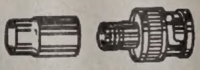
BNC MALE TWIST-ON



Field installable twist-on male BNC connector. Captive gold pin.

Part#	Cable	1-99	100-Up
60-267	RG-58	$1.50	$1.25
60-268	RG-58 Teflon	1.50	1.25
60-269	RG-59/62	1.50	1.25
60-270	RG-59/62 Teflon	1.50	1.25
60-271	RG-6	1.50	1.25
60-272	Belden 8281	1.50	1.25

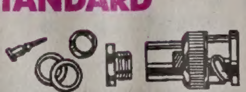
BNC MALE 2-PIECE CRIMP



Male crimp style BNC. Captive gold pin.

Part#	Cable	1-99	100-Up
60-273	RG-58	$1.20	$ .99
60-274	RG-58 Teflon	1.20	.99
60-275	RG-59/62	1.20	.99
60-276	RG-59/62 Teflon	1.20	.99
60-277	RG-6	1.20	.99
60-278	Belden 8281	1.20	.99

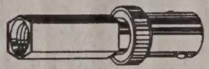
BNC MALE STANDARD SOLDER TYPE



Male solder style BNC connector. Gold center pin.

Part#	Cable	1-99	100-Up
60-265	RG-58	$1.39	$ 1.15
60-266	RG-59/62	1.39	1.15

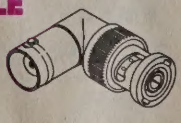
BNC FEMALE TWIST-ON



Field installable twist-on female BNC.

Part#	Cable	1-99	100-Up
60-283	RG-58	$1.65	$1.39
60-284	RG-59/62	1.65	1.39
60-285	RG-59/62 Teflon	1.65	1.39
60-286	RG-6	1.65	1.39

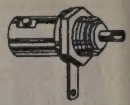
BNC RIGHT ANGLE



90° male to female

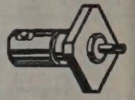
Mil# - UG-306	(1-99)	(100-Up)
953	$2.50	$2.25

BNC CHASSIS MOUNT



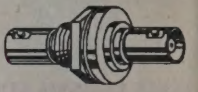
Mil# - UG-1094	(1-99)	(100-Up)
952	$1.00	$ .90

BNC CHASSIS MOUNT



Mil# - UG-290	(1-99)	(100-Up)
999	$1.25	$1.15

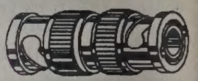
BNC FEMALE BULKHEAD



BNC double chassis mount

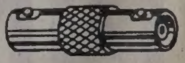
Mil# - UG-492/BU	(1-99)	(100-Up)
60-287	$2.95	$2.65

BNC DOUBLE MALE



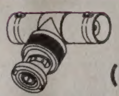
Mil# - UG-491	(1-99)	(100-Up)
491DM	$1.95	$1.75

BNC DOUBLE FEMALE

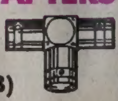


Mil# - UG-914	(1-99)	(100-Up)
959	$1.45	$1.25

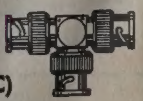
BNC "T" ADAPTERS



(A)



(B)



(C)

2 females to 1 male (A)

Mil# - UG-274	(1-99)	(100-Up)
956	$2.29	$1.99

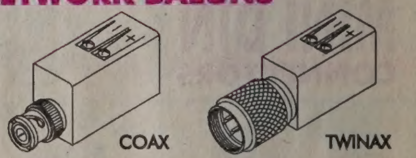
3 females (B)

	(1-99)	(100-Up)
60-289	$1.99	$1.75

3 males (C)

	(1-99)	(100-Up)
60-288	$3.99	$2.75

NETWORK BALUNS



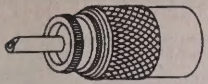
Converts BNC coaxial cable to twisted pair wires with either a modular RJ-11 jack or 2 screw terminals.

20-116	Coax balun	$7.95
20-117	Twinax balun	$11.95

CONNECTORS

L259

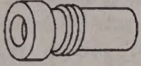
fg. - AMPHENOL
merican Made



L259A.......................................$1.00

EDUCER

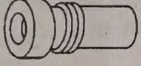
G-58



G175-U.......................................$ .25

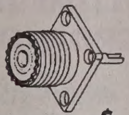
EDUCER

G-59



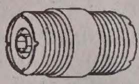
G176-U.......................................$ .25

HF CHASSIS OUNT



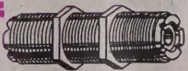
O-239.......................................$ .75

HF DOUBLE EMALE



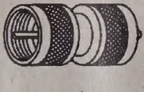
53A................PL-258................$1.00

UHF CHASSIS MOUNT DOUBLE FEMALE BULKHEAD



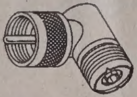
555A.......................................$2.75

UHF DOUBLE MALE



554A.......................................$2.25

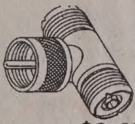
UHF RIGHT ANGLE



551A.......................................$2.45

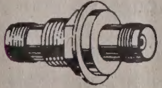
UHF "T" CONNECTOR

2 Female - 1 Male



552A.......................................$2.45

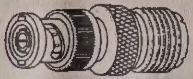
TNC BULKHEAD



Mfg. - DELTA
O.A. length 1-3/8"
Mounts in a 1/2" hole. Hermetically sealed. Teflon with gold pins. Includes external tooth lock washer, gasket and nut. Most popular cellular phone connector.

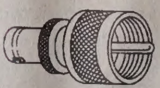
TNC.......................................$1.99

BNC MALE TO UHF FEMALE



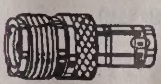
951..............UG-255................$1.75

BNC FEMALE TO UHF MALE



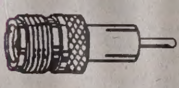
950.......................................$1.95

UHF FEMALE TO BNC FEMALE



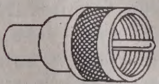
962.......................................$1.95

UHF FEMALE TO RCA MALE



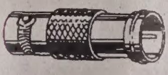
550A.......................................$1.25

RCA FEMALE TO PL-259



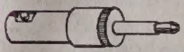
557A.......................................$1.95

BNC FEMALE TO QUICK "F" MALE



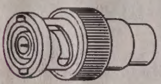
966..............UG-272...............$1.95

BNC FEMALE TO 1/8" MINI PLUG



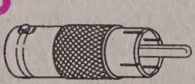
963.......................................$1.75

RCA FEMALE TO BNC MALE



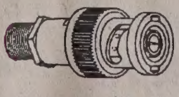
955.......................................$1.50

BNC FEMALE TO RCA MALE



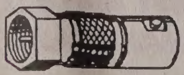
957.......................................$1.50

"F" FEMALE TO BNC MALE



960.......................................$1.50

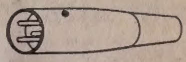
"F" MALE TO BNC FEMALE



958.......................................$1.50

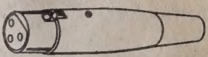
XLR-TYPE

IN-LINE MALE



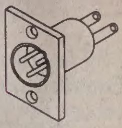
30-526	3 pin	$2.50
30-527	4 pin	$4.95
30-528	5 pin	$5.25

IN-LINE FEMALE



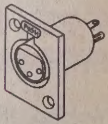
30-529	3 pin	$2.50
30-530	4 pin	$5.95
30-531	5 pin	$6.50

MALE CHASSIS MOUNT



30-532	3 pin	$3.25
30-533	4 pin	$4.25
30-534	5 pin	$4.50

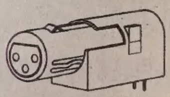
FEMALE CHASSIS MOUNT



30-535	3 pin	$3.25
30-536	4 pin	$6.50
30-537	5 pin	$6.50

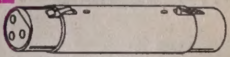
FEMALE PC MOUNT

Mfg. - SWITCHCRAFT
Mfg.# - RAPC3FG
Female, PC mount



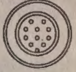
30-539...............3 pin................$1.99

FEMALE TO FEMALE COUPLER



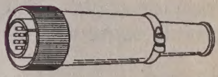
30-525................3 pin.............$12.50

VTR PROFESSIONAL CONNECTORS



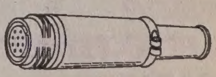
(Pin Configuration)

Male in-line video camera plug



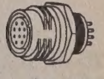
VTR-1.......................................$6.75

Female in-line video camera jack



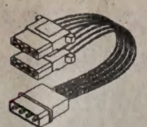
VTR-3.......................................$4.95

Female chassis mount video camera jack



VTR-2.......................................$5.50

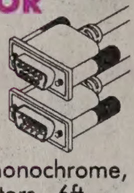
3.5" AND 5.25" DISK DRIVE POWER SPLITTERS



Y adapter splits 4-line Molex male into 2 females. For PC/XT/AT and compatible computers. Overall length 8".

20-119........3.5"............................$2.49
20-120........5.25"..........................$2.25

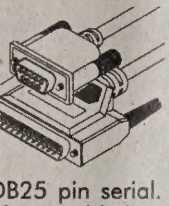
ASSEMBLED MONITOR EXTENSION CABLE



DB9 female - DB9 male. Extends standard monitor cable. For PC/XT/AT and compatible computers. For monochrome, RGB, EGA and multisync monitors. 6ft.

20-122..$4.49

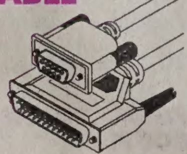
9-PIN SERIAL MODEM CABLE



Molded DB9 female to DB25 male connectors. DB9-pin serial ports which need to be converted to DB25 pin serial. For AT and compatibles. 6ft assembled.

20-121..$4.49

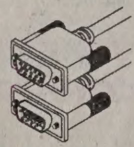
9-PIN MODEM CABLE



Molded DB9 female to DB25 male connectors. 7-1/2" assembled.

20-129.......................................$1.49

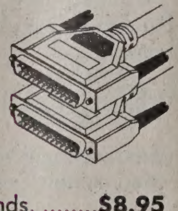
VGA EXTENSION CABLE



High density DB15 male to DB15 female. Extends VGA monitor cable. For PC/XT/AT and compatible computers, 6ft extension cable.

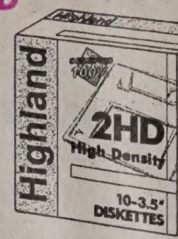
20-123..$4.49

RS232 6FT EXTENSION CABLE



20-100..........M/M 25 conds. $8.95
20-102..........M/F 25 conds. $8.95

2 MB 3-1/2" DSHD UNFORMATTED DISKETTES



Contains ten color coded unformatted diskettes. Certified 100% error-free for optimum reliability. Mfg. lifetime warranty.

20-130..............10 pack.............$5.99

NOTEBOOK COMPUTER CARRYING CASE

Mfg. - DELL
Inside dimensions:
11-1/2" x 8" x 1-1/4"

Lightweight soft padded case made of black codura nylon. Inside compartment features dual zippered opening and side pockets for storage. Convenient outside accessory compartment has easy velcro-type closing. Topped off with sturdy, leather like hinged handle. Ideal for notebook computers.

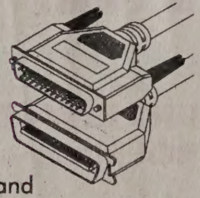
14-405.......................................$5.95

PS/2 KEYBOARD ADAPTER CABLE

Overall length 7-1/4"
Connects AT type keyboards to the PS/2.
5 pin female din to 6 pin male mini din.

20-131.......................................$4.99

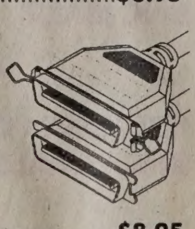
IBM PARALLEL PRINTER CABLE



10ft long
IBM & compatibles to centronics type printer cable, features molded and fully shielded DB25 pin male and 36 pin centronics male connectors.

20-105.......................................$6.95

36 PIN CENTRONICS 6FT MALE TO MALE CABLE



20-103.......................................$8.95

DESKTOP MICROPHONE FOR CD-ROM

New

Connects easily to CD-ROM mic jack (3.5mm plug). 9-3/4" sliding microphone shaft easily detaches from base for storage. 4ft cord for easy placement.

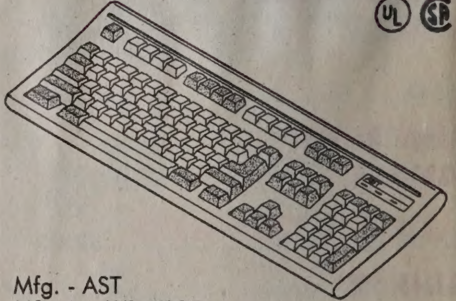
19-136.......................................$4.95

MULTIMEDIA MICROPHONE

Mfg. - MEDIA VISION
This omnidirectional electret microphone is ideal for voice and sound input into your multimedia applications. 7ft cord with a 1/8" stereo jack. Includes a stand with double face tape for mounting.

13-345.......................................$2.99

SMALLER SIZE 101-KEY COMPUTER KEYBOARD



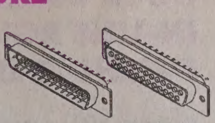
Mfg. - AST
Mfg.# - SKR-1032
18-1/4" x 6-3/4" x 1-5/8"

This 101-key PC compatible keyboard was designed with speed in mind, and less footprint area, allowing it to take less space on your desk without changing the size or spacing of the keys. Complete with flip-out height adjustable feet and 4ft cord with 5-pin male DIN connector. Enhanced features include 12 function keys, extended numeric keypad, large enter, shift and cap lock keys and LED indicators for *Number lock*, *Caps lock* and *Scroll lock*. Color: beige.

75-207.......................................$19.95

COMPUTER ACCESSORIES

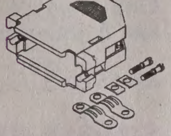
D SUBMINIATURE CONNECTORS



Solder cup

Part#		(1-99)	(100-Up)
DB9-S	9 Pin Female	$ .45	$ .39
DB9-P	9 Pin Male	.39	.35
DB15-S	15 Pin Female	.59	.49
DB15-SHD	15 Pin Female HD	.84	.74
DB15-P	15 Pin Male	.51	.45
DB15-PHD	15 Pin Male HD	.84	.74
DB25-S	25 Pin Female	.75	.69
DB25-P	25 Pin Male	.75	.69
DB50-S	50 Pin Female	1.39	1.15
DB50-P	50 Pin Male	1.39	1.15

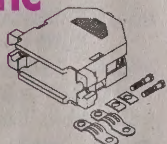
D-SUB HOODS



with hardware

Part#		(1-99)	(100-Up)
HD9	For DB9's	$ .39	$ .29
HD15	For DB15's	.49	.39
HD25	For DB25's	.55	.45

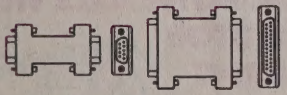
METALIZED PLASTIC D-SUB HOOD



with hardware

Part#		(1-99)	(100-Up)
20-106	For DB9's	$ .45	$ .39
20-107	For DB15's	.45	.39
20-108	For DB25's	.65	.55
20-109	For DB50's	1.25	1.09

GENDER CHANGERS



DB9 - 9 PIN

Part#		Price
20-110	Female/Female	$2.95
20-114	Male/Male	2.95

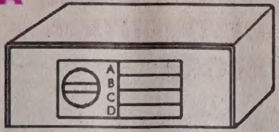
DB15 - 15 PIN High Density

Part#		(1-5)	(6-Up)
20-115	Female/Female	$3.95	$2.95
20-118	Male/Male	3.95	2.95

DB25 - 25 PIN

Part#		Price
CC100	Female/Female	$3.49
CC101	Male/Male	3.49

DB25 DATA SWITCH

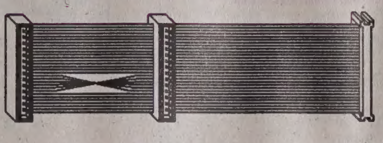


Serial data switch (RS-232) metal case. Non-slip feet. All lines wired through. Female connectors.

PS-1..................4-way...............**$19.95**

PS-2..................2-way.................**$9.95**

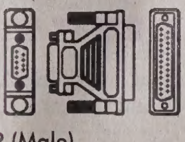
FLOPPY DRIVE CABLE



2-1/2' ribbon drive cable. two IDC 34 gold pin, PC board connectors and one 34 position socket IDC header connector. 6" between the 1st & 2nd connectors (lines 10-16 reversed) and 19" between the 2nd connector and the header. 5-1/4" floppy drive cable for XT/AT will drive two drives.

91-169.......................................**$1.79**

SERIAL AND DISPLAY ADAPTERS



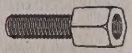
DB9S (Female) to DB25P (Male)
Connects 25-pin serial cable to 9-pin serial port

20-111.......................................**$3.99**

DB9P (Male) to DB25S (Female)
Connects 9-pin mouse to 25-pin serial port

20-112.......................................**$3.99**

RS-232 CABLE LOCKDOWN SCREWS

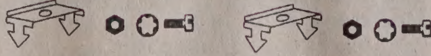


Screw size: 4-40
Threaded end 5/16" long

DBH...**$ .10**

DBH-100..................Pack of 100/**$6.00**

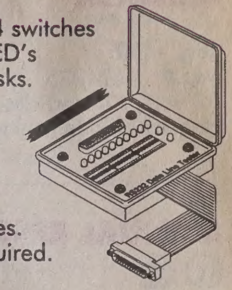
RS-232 HARDWARE KIT



Each bag contains two #4 screws, two #4 washers, two nuts and two clips.

KIT...**$ .10**

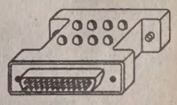
RS-232 BREAKOUT BOX



Pocket size. With 24 switches & 12 line monitor LED's simplifies cabling tasks. Ten Bi-polar LED's monitor TF, RD, RTS, CTS, DSR, CD, TC, RC, DTR & TC signals (2 spares). Includes jumper wires. No extra power required.

29-104......................................**$29.95**

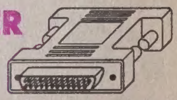
DATA LINE MONITOR



A miniature data line monitor allows the user to determine the status of the 7 key signals of the RS-232 data path. All 25 pins wired through.

DLM...**$8.95**

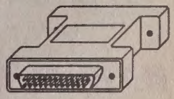
RS-232 NULL MODEM ADAPTER



DTE/DCE Null modem eliminates the need for a modem when transferring data over short transmission runs. DB25 male to DB25 female.

20-128.......................................**$4.95**

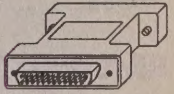
RS-232 JUMPER BOX



Allows user to customize their own interface devices such as Null modems, polarity changers, pin reversers and many more. DB25-pin male to DB25-pin female connectors. Supplied with all jumper wires and hardware.

20-126.......................................**$6.95**

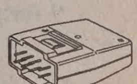
RS-232 SURGE PROTECTOR



DB25 surge protector with 8 MOVs. Protects RS-232 port from spikes. Protects 2, 3, 4, 5, 6, 7, 8 and 20.

20-127.......................................**$9.95**

VIDEO MONITOR PLUGS

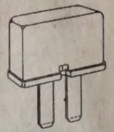


EIAJ8 8 pin plug

CMP-1.......................................**$4.25**

CIRCUIT BREAKERS • PUMPS

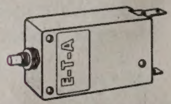
20 AMP AUTO RESET BREAKER



Mfg. - GTE
Mfg.# - 4604235
12 volt, 20 amp circuit breaker. Replaces standard blade type automotive fuse.

12-151..**$ .99**

MANUAL RESET



Mfg. - ETA
Mounts in 3/8" hole. Quick connect terminals. Hardware included.

.2A - 28 VDC - 250 VAC
2-3/4" O.A. length x 3/4" W
12-159..**$1.95**

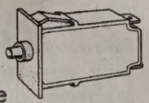
1.2A - 28 VDC - 250 VAC
3" O.A. length x 1-1/8" W
12-148..**$1.95**

3A - 28 VDC - 250 VAC
3" O.A. length x 1-1/8" W
12-158..**$1.95**

6A - 28 VDC - 250 VAC
3" O.A. length x 1-1/8" W
12-130..**$1.95**

7A - 28 VDC - 250 VAC
3" O.A. length x 1-1/8" W
12-106..**$1.95**

MANUAL RESET

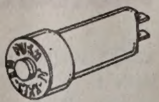


Mfg. - WEBER
Snaps in a 1-5/16" x 1/2" hole
1/4" quick tabs

1 Amp @ 240 VAC
12-152..**$1.25**

2.5 Amp @ 240 VAC
12-153..**$1.25**

RE-CIRK-IT®

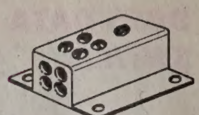


Manual reset
O.A. length: 2-1/4"
This push button circuit protector is a direct replacement for glass fuses. Mounts in a 5/8" hole. Nut lock not included.

9 Amp - 50 VDC - 250 VAC
12-105..**$1.50**

12 Amp - 32 VDC - 250 VAC
12-116..**$1.50**

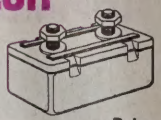
GOLD POWER DISTRIBUTION BLOCK



24 KT gold finish for maximum power transfer. One input up to 2 AWG. Four outputs up to 8 AWG. Fully enclosed in shatter resistant poly-carbonate.

43-160..**$7.95**

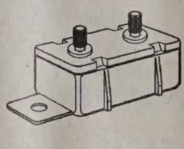
AUTO-RESET CIRCUIT BREAKERS



12 volt

Part#	*Amperage*	*Price*
1210	10	$1.00
1215	15	1.00

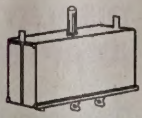
AUTO-RESET CIRCUIT BREAKER



12 amp - 24 volt

91-333..**$ .75**

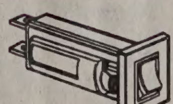
CIRCUIT BREAKER



Mfg. - Mel-Rain/Comel
Manual reset

Width - 1-3/4"
.30 A @ 125 VAC
Overall depth - 1-1/2"
12-144..**$ .25**

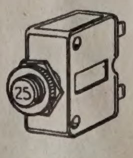
15 AMP FUSEHOLDER TYPE



Mfg. - P&B
Mfg.# - W28-XQ1A-15
3/4" sq x 2" deep. Snap mount
Replaces slow blow glass cartridge fuse. Single pole thermal breaker.

12-156..**$1.75**

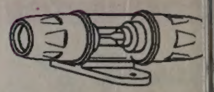
MANUAL RESET



Mfg. - P&B
Mfg.# - W58-XB1A4A-25
1.375"(L) x .66"(W)
Mounts in a 7/16" hole.
1/4" quick connect terminals.
Hardware included.

25 AMP @ 240 VAC
12-155..**$1.95**

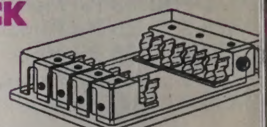
GOLD WATERPROOF IN-LINE AGU FUSEHOLDER



Accepts AGU fuses up to 80 Amps. Use 4 to 10 AWG wires. Set screw design - n crimping. Integral mounting base.

43-161..**$6.7**

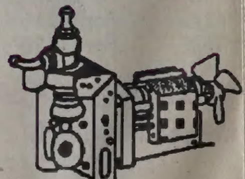
4 POSITION GOLD AGU FUSE BLOCK



24 KT gold finish.
Accepts 4 AGU fuses up to 80 amps each One 3-way 4 gauge input/outputs an four 8 gauge outputs.

43-159..**$18.4**

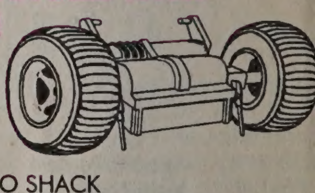
SINGLE BELLOWS ADJUSTABLE METERING PUMP



Mfg. - GORMAN RUPP
Mfg.# - 15649
7" x 6-1/2" x 3-1/4"
Adjustable flow rate 63 to 630 mL pe minute. Single 1-1/2" diameter adjustable polypropylene bellows and EPT elastomer. Driven by a 60 RPM, 115 VAC, 50/60 Hz, 1 amp motor. Inlet and outlet connectors 3/8" ID swivel elbow barbed for flex tubing. House and frame stainless steel.

35-139..**$39.95**

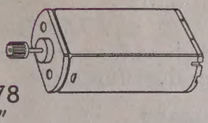
ROBOTIC AXLE WITH MOTOR DRIVE



From: RADIO SHACK
Speedy Turbo-Wing Buggy, 8" long
This 2 speed (switchable) reversible, posi-traction type drive runs on 3-9 VDC with variable speed. It's plastic frame features two movable stabilizer arms, and two removable soft, rubber treaded tires. (3" x 1-5/8") and plastic wheels. This makes many different drive options available.

35-123..**$2.89**

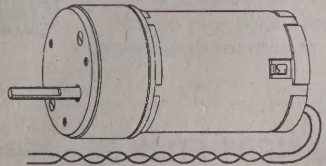
.5 VDC TOY MOTOR



Mfg. - MABACHI
Mfg.# - FK-050PA-1778
-13/16" x 5/8" x 1/2"
/16" shaft with tooth gear
No load: 210 mA max
16,300 ± 2300 RPM
ated Load: 750 mA max
11,400 ± 1500 RPM
14.4g cm by pulley load
tall torque: 40g cm (min) by torque meter

5-146..**$ .50**

2VDC REVERSIBLE GEARHEAD MOTOR

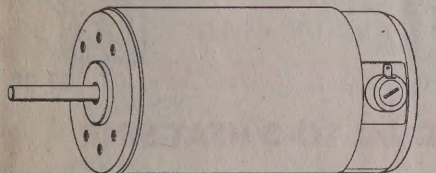


New

Mfg. - BARBER COLMAN
Mfg.# - FYQF-63310-9
Body: 1-3/8"dia x 2-5/8"
Shaft: 3/16"dia x 13/16"
307 RPM no load speed (127mA)
232 RPM rated load (450mA)
Permanent magnet. Reversible.
19.28 in-oz torque. 3-hole front mounting.
3" 22 AWG color coded leads

35-149..**$14.95**

12 VDC SERVO MOTOR 3700 RPM

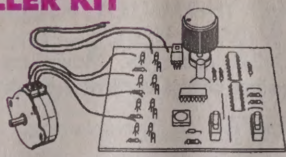


Mfg. - PITTMAN
Mfg.# - 14204C637
Body: 2" dia x 4-1/4", 35 oz.
Shaft: 1/4" dia x 1"

A permanent magnet, ball bearing, reversible motor. Rated no load at 12 VDC @ 500 mA. Speed 3700 RPM, torque constant 27.5 oz-in, stall torque 204 oz-in. This motor operates down to .5 volt with reduced speed and torque. Shaft end mounts via four 6-32 taped holes.

35-148..**$15.95**

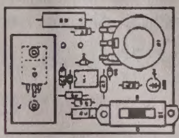
STEPPING MOTOR CONTROLLER KIT



Ideal for beginners or robotics enthusiasts, this kit has all necessary parts including stepping motor, PC board, and all parts necessary (power supply not included) to build a 12 VDC stepper motor controller. On board controls and switches for CW, CCW rotation, speed control, run and hold. LED's indicate phase sequences. Detailed instructions included.

17-100..**$17.95**

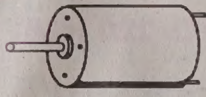
12 VDC POWER CONTROLLER KIT



This kit will control the speed of any 12 VDC motor, fan or will dim any 12 VDC lamp up to 10 amp. 5% to 98% control. Assembly required including soldering.

80-217..**$15.95**

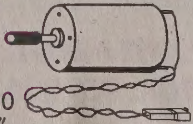
12 VDC MOTOR



Mfg. - MABACHI
Mfg.# - RS-375SA
Body: 1.09" dia. x 1.49"
Shaft: 1/16" x 1/2"
Operating voltage 12-26 VDC
No load speed 25,800 RPM, .23 amp.
Torque 1.19 oz./in.
Front has two hole tapped for mounting

35-144..**$ .99**

12 VDC MOTOR

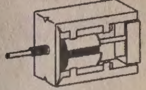


Mfg. - MABACHI
Mfg.# - RS-385SH12190
Body: 1.09" dia. x 1.49"

Shaft: .055" x .09" dia. with removable 12 tooth gear. Operating voltage 12-26 VDC. No load speed - 22,000 RPM, .18 amp. At max efficiency speed - 18,800 RPM, 1.05 amp. Torque 1.27 oz./in. Has a .3" long, 12 tooth gear on shaft. Front has 2 holes tapped for mounting. 6" leads for hook-up.

35-114..**$ .99**

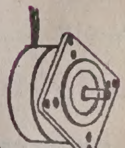
1-6 VDC HIGH SPEED TOY MOTOR



Body: 7/8" x 23/32" x 3/16"
Shaft: 5/16" x <1/16" dia.
16,000 RPM no load speed

35-138..**$ .50**

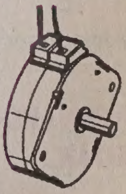
5 VDC STEPPER MOTOR



Mfg. - AIRPAX
Mfg.# - C42M048A04
1-5/8" dia. x 7/8" high
3/8" shaft, 1/8" dia.
15/16" mounting centers
5 VDC, approximately 600 mA
9.1 ohm coil, 7.5° per step

35-142..**$3.95**

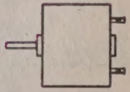
5 VDC STEPPER MOTOR



Mfg. - AIRPAX
Mfg.# - LB82773-M1
2-1/4" dia. x 15/16" high
3/4" shaft with gear
2-5/8" mounting centers
5 VDC, approximately 800 mA
6.25 ohm coil 7.5° per step

35-143..**$3.95**

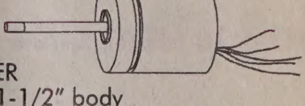
ORIGINAL CD SPINDLE MOTOR



Mfg.# - RF-320CH-10570
.4" shaft
Used by Pioneer #PEA1233
(replacing #PY11109)
Nakamichi #0C83432
Denon #9500008312 and other makers

35-136..**$6.50**

24 VDC VARIABLE RELUCTANCE STEPPING MOTOR

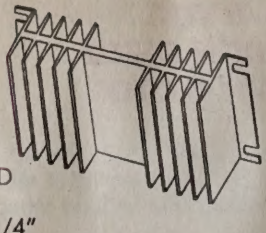


Mfg. - SINGER
1-1/2"dia x 1-1/2" body
1-1/2" shaft, 1/8"dia shaft
24 VDC, 71 ohm coils
Step angle 15° - 7.5° halfstep

35-118..**$4.95**

HEAT SINKS

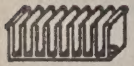
DOUBLE SURFACE



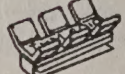
Mfg. - WAKEFIELD
Mfg.# - 403K
3" x 4-3/4" x 1-1/4"
For critical applications. High power dissipation. Black anodized finish aluminum alloy. 1.3° C/W thermal resistance. Blank (no holes).

26-419 .... **$2.95**

DIP IC HEAT SINK



A

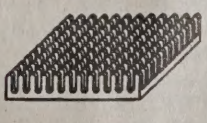


B

For 14 or 16 Pin
Held on top w/ epoxy
26-139 .... (A) .... **$ .13**

Slides on and locks
26-108 .... (B) .... **$ .16**

PGA HEAT SINK

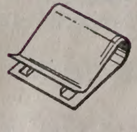


Mfg. - THERMALLOY
For CPU and other pin grid LSI chips. May be attached with epoxy or spring clips (not included).

1.25" x 1.31" x .48"
26-362 .... **$ .99**

1.77" x 1.75" x .48"
26-363 .... **$1.25**

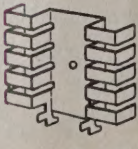
TO-126 CLIP-ON HEAT SINK



Mfg. - THERMALLOY
Mfg.# - 6041
13/16" x 7/16" x 3/8"
For TO-126. Lock-in tab prevents dislodging device.
Side runners ensure proper alignment.

26-370 .... **$ .10**

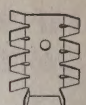
TO-220 HEAT SINK



2" x 1-5/8" x 3/4"
TO-220 case style
Vertical mount

26-400 .... **$ .25**

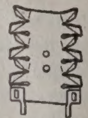
TO-220 HEAT SINK



Mfg. - THERMALLOY, #6023
1-3/16" x 7/8" x 1/4"
TO-220 cast style. Maximum cooling style. Vertical mount. Solder tab.

26-377 .... **$ .18**

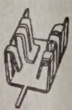
TO-220 HEAT SINK



Mfg. - THERMALLOY, #6025B
1-7/8" x 1-3/8" x 1-3/8"
TO-220 case style. Alternated slotted fins. Vertical mount. Solder tab.

26-381 .... **$ .18**

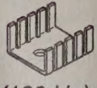
TO-220 HEAT SINK



3/4" x 9/16" x 1/2"
TO-220 case style
Vertical plug-in heat sink. Solder tab.

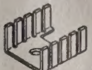
26-376 .... **$ .30**

LOW PROFILE HEAT SINK FOR TO-220



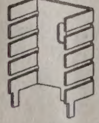
3/4" x 1/2" x 3/8"

	(1-99)	*(100-Up)*
26-361	**$ .20**	**$ .19**



	(1-99)	*(100-Up)*
26-367	**$ .20**	**$ .19**

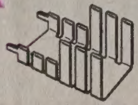
TO-220 HEAT SINK



1-3/16" x 1" x 1/2"
TO-220 case style
Vertical mount. Solder tab

26-416 .... **$ .25**

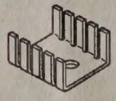
TO-220 HEAT SINK



1-1/2" x 1"
TO-220 case style

26-379 .... **$ .35**

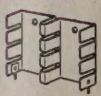
LOW PROFILE HEAT SINK FOR TO-220



Mfg. - THERMALLOY, #6079
3/4" x 9/16" x 1/2"

26-434 .... **$ .12**

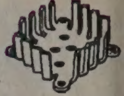
DUAL TO-220 HEAT SINK



1-1/2" x 1" x 1/2"
TO-220 case style

26-390 .... **$ .29**

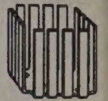
DUAL TO-220 HEAT SINK



1-1/2" sq x 7/8" Tall
High performance cooling for dual TO-220's

26-387 .... **$ .29**

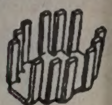
TO-3 HEAT SINK



Mfg. - AAVID
Mfg.# - 5016B
1-1/4" Tall, TO-3 case style
Space saving diamond shape

26-195 .... **$ .25**

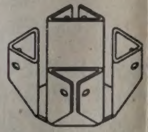
TO-3 HEAT SINK



1-5/8" x 1-5/16" x 3/4"
TO-3 case style with offset fins for maximum dissipation.

26-375 .... **$ .35**

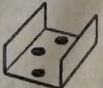
TO-3 HEAT SINK



1-13/16" x 1-7/8" x 1-3/8"
Standard for TO-3

26-420 .... **$ .45**

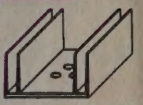
TO-3 HEAT SINK



Mfg. - THERMALLOY, #6103B
1-1/2" x 1-1/4" x 1/2"
Optimum cooler "U" style

26-373 .... **$ .19**

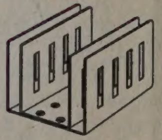
DUAL TO-3 HEAT SINK



Mfg. - AAVID
2-3/4" x 2-1/8" x 1-1/2"

26-354 .... **$1.00**

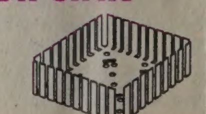
DUAL TO-3 HEAT SINK



4-3/4" x 3-1/2" x 3"
Drilled for dual TO-3 transistors.

26-374 .... **$1.50**

FOUR TO-3 HEAT SINK



Mfg. - THERMALLOY
Mfg.# - 6033
3-1/8" sq x 1" High

26-151 .... **$2.75**

BRIDGE RECTIFIERS

1 AMP DIP

ow leakage, 50 amp surge

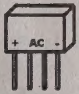
Part#	Voltage	(1-99)	(100-up)
DF02	200	$ .42	$ .36
DF04	400	.44	.37
DF06	600	.46	.42
DF10	1000	.50	.45

1.5 AMP

3/8" diameter
ow leakage, 50 amp surge

Part#	Voltage	(1-99)	(100-up)
W005M	50	$ .29	$ .25
W04M	400	.39	.32
W06M	600	.42	.33
W10M	1000	.43	.35

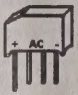
2 AMP



11/16" x 1/2" x 1/4"
Low leakage, 60 amp surge

Part#	Voltage	(1-99)	(100-up)
KBP204	400	$ .54	$ .47
KBP206	600	.57	.52
KBP2010	1000	.62	.57

4 AMP



3/4" x 1/2" x 1/4"
Low leakage, 200 amp surge

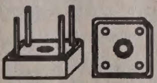
Part#	Voltage	(1-99)	(100-up)
KBL402	200	$ .89	$ .80
KBL404	400	.99	.89
KBL405	600	1.10	.99
KBL407	1000	1.25	1.10

6 AMP

7/8" x 3/4" x 1/4"
Low leakage, 250 amp surge

Part#	Voltage	(1-99)	(100-up)
KBU602	200	$1.15	$ .99
KBU604	400	1.25	1.15
KBU607	1000	1.45	1.25

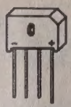
6 AMP



5/8" square x 1/4"
Low leakage, 150 amp surge

Part#	Voltage	(1-99)	(100-up)
KBPC602	200	$1.05	$ .95
KBPC604	400	1.16	.99

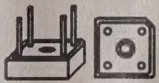
8 AMP



7/8" x 3/4" x 1/4"
Low leakage, 300 amp surge

Part#	Voltage	(1-99)	(100-up)
KBU802	200	$1.25	$1.09
KBU804	400	1.35	1.25
KBU807	1000	1.55	1.35

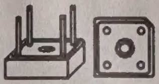
8 AMP



3/4" square x 5/16"
Low leakage, 125 amp surge

Part#	Voltage	(1-99)	(100-up)
KBPC802	200	$1.30	$1.15
KBPC804	400	1.45	1.29
KBPC808	800	1.70	1.49

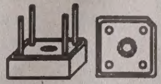
10 AMP



1-1/8" sq x 7/16"
Low leakage, 200 amp surge

Part#	Voltage	(1-99)	(100-up)
KBPC1002	200	$2.25	$1.99
KBPC1004	400	2.45	2.19
KBPC1008	800	2.55	2.25

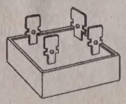
15 AMP



1-1/8" sq x 7/16"
Low leakage, 300 amp surge

Part#	Voltage	(1-99)	(100-up)
KBPC1502	200	$2.39	$2.15
KBPC1504	400	2.55	2.29
KBPC1508	800	2.69	2.35

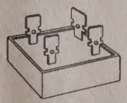
25 AMP



1-1/8" square metal case
with 1/4" Faston terminals
300 amp surge

Part#	Voltage	(1-99)	(100-up)
KBPC2504	400	$2.69	$2.43
KBPC2506	600	2.89	2.59
KBPC2510	1000	3.25	2.99

35 AMP



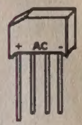
1-1/8" square metal case
with 1/4" Faston terminals
400 amp surge

Part#	Voltage	(1-99)	(100-up)
KBPC3504	400	$2.99	$2.67
KBPC3506	600	3.25	2.99
KBPC3510	1000	3.99	3.57

1 AMP 600 VOLT DIP BRIDGE

22826..$ .35

1.5 AMP @ 1000 VOLT

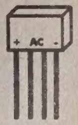


Mfg. - GI, #KBP10M
9/16" x 3/8" x 13/16"

New

KBP10M..$ .25

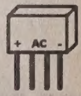
2 AMP 50 VOLT



Mfg. - RECTRON
Mfg.# - BR805D
11/16" x 1/2" x 1/4"

48-152...$ .24

2 AMP 1000 VOLT



3/4" x 1/4" x 1/2"
1/2" leads

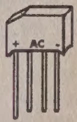
48-139...$ .39

4 AMP 600 VOLT

Mfg. - GI
Mfg.# - KBU4J
7/8" x 3/4" x 3/16"

KBU4J..$ .75

4 AMP @ 800 VOLT

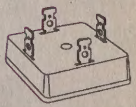


Mfg. - DIODES, INC., #RS406L
3/4" x 9/16" x 1/4"

New

RS406..$ .79

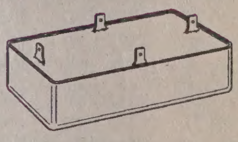
12 AMP @ 400 VOLT



Mfg. - MOTOROLA
Mfg.# - MDA980-5
1-3/8" sq x 1/2"
1/4" fastons

MDA980-5....................................$ .75

.1 AMP @ 10,000 VOLT

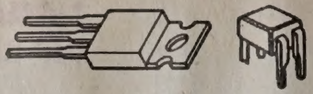


Mfg. - VARO
Mfg.# - H810
4" x 2" x 1"
Hook-up via .25" quick connects. 10-32 x .38" brass insert for easy heat sink mounting.

48-149...$3.95

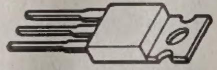
TRANSISTORS

POWER MOSFETS



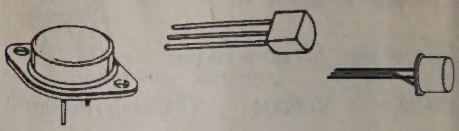
Part#	Package	Description	Price
IRF530	TO-220	Power Mosfet 100V 27 A	$1.75
IRF540	TO-220	Power Mosfet 100V 28 A	1.75
IRF730	TO-220	Power Mosfet 400V 5.5 A	1.25
IRF740	TO-220	N-CH Mosfet 400V 10 A	1.75
IRF840	TO-220	Power Mosfet 500V 8 A	1.99
IRFD020	HD-1	Hexfet 50V 2.4 A	.99
IRFD9123	HD-1	Hexfet 50V .8 A	.99
IRF9520	TO-220	P-CH Mosfet 100V 6 A	1.87
IRF9530	TO-220	P-CH Mosfet 100V 12 A	1.99
IRF9540	TO-220	P-CH Mosfet 100V 19 A	1.85
IRFP150	TO-247	N-CH Mosfet 100V 40 A	3.65
IRFP350	TO-247	N-CH Mosfet 400V 16 A	4.95
IRFP450	TO-247	N-CH Mosfet 500V 14 A	5.30
IRFZ20	TO-220	Power Mosfet 50V 7.5 A	.50
IRFZ34	TO-220	Power Mosfet 50V 29 A	1.50
IRFZ40	TO-247	Power Mosfet 50V 35 A	1.85
IRFZ42	TO-220	Power Mosfet 50V 51 A	2.25
IRFZ44	TO-220	Power Mosfet 60V 35 A	1.75

TIP TRANSISTORS



Part#	Case	Description	(1-99)	(100-Up)
TIP29A	TO-220	NPN, Power Output/switching	.45	.35
TIP29C	TO-220	NPN, Power Output/switching	.55	----
TIP30B	TO-220	PNP, Power Output/switching	.39	.35
TIP31C	TO-220	NPN, Power Output/switching	.45	.35
TIP32A	TO-220	NPN, Power Output/switching	.35	.29
TIP32B	TO-220	PNP, Audio Power Output	.39	.35
TIP32C	TO-220	PNP, Power Output/switching	.45	.42
TIP34A	TO-218	PNP, Power Amplifier	.75	.60
TIP35C	TO-218	NPN, Power Amplifier	1.75	1.65
TIP36A	TO-218	PNP, Power Amplifier	1.39	1.25
TIP36C	TO-218	PNP, Power Amplifier	2.25	1.95
TIP41B	TO-220	NPN, Audio PO/Switch	.69	.55
TIP41C	TO-220	NPN, Audio PO/Switch	.45	.39
TIP42A	TO-220	PNP, Audio Power Out	.39	.35
TIP42B	TO-220	PNP, Audio PO/Switch	.55	.49
TIP42C	TO-220	PNP, Audio PO/Switch	.59	.49
TIP47	TO-220	NPN, High Voltage, AF, SW	.49	.47
TIP49	TO-220	NPN, High Voltage, AF, SW	.60	.50
TIP50	TO-220	NPN, High Voltage, AF, SW	.69	.65
TIP102	TO-220	NPN, Darlington, 80V	.55	.49
TIP107	TO-220	PNP, Darlington, 100V	.69	.59
TIP110	TO-220	NPN, Darlington, 80V	.55	.49
TIP112	TO-220	NPN, Darlington, 80V	.71	.65
TIP115	TO-220	PNP, Darlington, 80V	.59	.55
TIP117	TO-220	PNP, Darlington, 80V	.71	.65
TIP120	TO-220	NPN, Darlington, 80V	.50	.45
TIP122	TO-220	NPN, Darlington, 80V	.71	.65
TIP125	TO-220	PNP, Darlington, 80V	.55	----
TIP127	TO-220	PNP, Darlington, 80V	.75	.69
TIP142	TO-218	NPN, Darlington	1.85	1.75
TIP147	TO-218	PNP, Darlington, 100V	1.29	1.19
TIP2955	TO-218	PNP, Power Amplifier	1.19	1.05
TIP3055	TO-218	NPN, Power Amplifier	.99	.85

TRANSISTORS



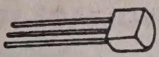
Part#	Case	Description	(1-99)	(100-Up)
2N555	TO-3	T-PNP, GE-AF Power Output	$4.25	$3.95
2N918	TO-72	PNP, SI-Video IF Amp	.69	.45
PN2222	TO-92	NPN, General Purpose	.08	.05
PN2222A	TO-92	NPN, SI-AF/RF Amp	.06	.05
2N2222	TO-18	NPN, SI-AF/RF Amp	.16	.14
2N2222A	TO-18	NPN, General Purpose	.25	.22
2N2907	TO-18	PNP, General Purpose	.25	.22
PN2907A	TO-92	PNP, General Purpose	.10	.08
2N3053	TO-39	NPN, General Purpose	.50	.45
2N3054	TO-66	NPN, SI-Audio Power Output	1.50	1.25
2N3055	TO-3	NPN, Power BiPolar, Epitaxial Base	.59	.49
2N3668	TO-3	Diffused, 3 Function SCR, 12A, RMS 400V	3.95	----
2N3771	TO-3	NPN, Silicon Audio Amp, 30A, 40V, 150W	2.49	----
2N3904	TO-92	NPN, General Purpose	.06	----
2N3906	TO-92	PNP, General Purpose	.06	----
2N4103	TO-3	12A, 600V SCR	3.99	----
2N4123	TO-92	NPN, Gen Purpose Amp/sw	.15	.14
2N4125	TO-92	PNP, SI-AF Preamp, Driver	.15	.14
2N4400	TO-92	NPN, Gen Purpose Amp/sw	.10	.09
2N4401	TO-92	NPN, General Purpose	.10	.09
2N4403	TO-92	PNP, General Purpose	.10	.09
2N5875	TO-3	PNP, SI-AF Power Output	1.50	----
2N6027	TO-92	T-Programmable Unijunction, SI	.35	.30
2N6058	TO-3	NPN, Darlington, HFE=3000	1.99	----
2N6071A	TO-225	4 Amp, 200 V Triac	.99	.95
2N6386	TO-220AB	NPN, Darlington, 8A, 40V, 65W	1.25	----
BFY90	TO-72	RF Small Signal Transistor	.49	----
MJ410	TO-3	NPN, 5A, 200V	2.25	1.95
MJ10016	TO-3	NPN, 50A, 500V, 250W, 10hFE	14.95	
MJE9780	TO-220	PNP, 3A, 150V, Signal Power Transistor	1.49	----
MPSA06	TO-92	NPN, Medium Power	.15	.12
MPSA13	TO-92	NPN, Power Darlington	.15	.12
MPSA43	TO-92	NPN, SI-HI VLTG Gen Pur AMP	.35	.30
MPSA56	TO-92	PNP, SI-AF Preamp Driver	.15	.13
MPSA62	TO-92	PNP, SI Darlington Amp	.35	.30
MPSA66	TO-92	PNP, SI Darlington Amp	.15	.12
MTM8N10	TO-3	NPN, Power Mosfet, 100V	1.25	----

JAPANESE SEMICONDUCTORS

Part#	Description	Price
BU806	NPN, SI HI VLTG Darlington	$1.35
MB3756	IV-VCR Control VLTG GEN	2.30
STR30130	IC-VLTG REG 130V 1A	3.89
TA7205	IC-AF PWR Output 5.8W	2.99
TA7222	IC-AF PWR Output 5.8W	1.89
D1341P	T-NPN, SI HI VLTG HORIZ Output	3.49
TDA1170	IC-TV VERT DEFL System	3.75
TDA1905	IC-5W Audio Amp/Muting	3.19
TDA2002	IC-AF Power Output 8W	1.15
TDA2003	IC-AF Power Output 10W	1.85
TDA2030	IC-AF Power Output 14W	3.99
TDA2040	IC-Audio Power Amp 22W	3.64
TDA7240	Power Amp	4.29

TRANSISTORS

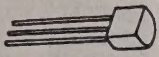
2N3904



NPN transistor
TO-92 case - plastic

2N3904..$ .06

2N3906



PNP transistor
TO-92 case - plastic

2N3906..$ .06

PN2222A

Mfg. - SAMSUNG
NPN, SI-AF/RF AMP
TO-92 case - plastic

(1-999) (1K-Up)
PN2222A..............................$ .06.....$ .05

2N2646

Mfg. - MOTOROLA
Unijunction thryistor triggers, TO-18 pkg

2N2646..$2.99

2N2647

Mfg. - GE
Unijunction, TO-18 pkg

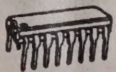
2N2647..$1.75

2N2147

TO-3 pkg
Transistor, geramium AF
power output

2N2147..$3.49

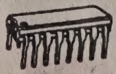
STEPPER MOTOR DRIVER



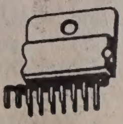
Mfg. - PHILLIPS
Mfg.# - SAA1027
16 pin dip package. 4 outputs for driving 4 phase stator. Rated at 10-18 V @ 500 mA. Features high noise immunity input logic direction selection and protected outputs.

SAA1027..$9.95

Mfg.# - TEA3718SP/DP
Intended to drive a bipolar constant current through one motor winding for maximum motor performance. Has half and full step modes. Can drive up to 50 volts and 1.5 amps per phase. Built-in diodes and thermal protection. 16 pin dip package. Spec sheet included.



16 pin dip package
TEA3718DP.....................$3.95



Multiwatt - 15 package
TEA3718SP.....................$9.95

2N3055

NPN power transistor
TO-3 pkg

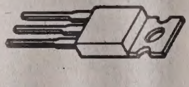
(1-99) (100-Up)
2N3055..............................$ .59.....$ .49

MJ4502

Mfg. - MOTOROLA
PNP transistor, 30 amp @ 100 volt
Silicon audio amp. TO-3 pkg

(1-49) (50-Up)
MJ4502..............................$2.75.....$2.49

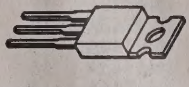
MJE13005



TO-220 Pkg.
4 amp, 300 volt, 60 watts
NPN. Fast switching power transistor.

MJE13005..$ .99

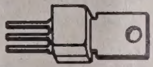
MJE13007



TO-220 Pkg.
8 amp, 400 volt, 80 watts
NPN. Fast switching power transistor.

MJE13007..$1.69

MPSU01A



TO-202 case
NPN silicon transistor
Hi-voltage amplifier & driver

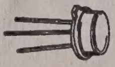
MPSU01A..$ .99

PMD16K120

Mfg. - LAMBDA
NPN Darlinton transistor. 20 amp @ 120 volt, 150 watt. hFE=1K min, 20K max.
TO-3 pkg

(1-49) (50-Up)
PMD16K120..........................$3.25....$2.75

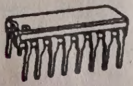
2N3439



NPN, High Volatge
High Current Amplifier, 40 h_{FE}
350 V_{BR} CEO min, 1000 I_C mA max

2N3439..............TO-39 Pkg.................$ .99

QUAD DARLINGTON SWITCH



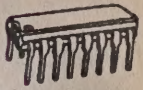
Mfg. - SGS
Monolithic quad darlington switch for up to 1.8 amp, 50 volt. Comes with spec sheet.

L6221A...............Dip Package.............$1.49

Multiwatt 15 pkg.
L6221N..............Dip Package.............$2.75

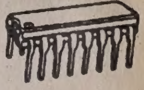
DARLINGTON ARRAYS

ULN2003A



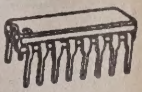
Input: TTL, CMOS
Output: 350 mA
16 pin dip package
ULN2003A..$ .69

ULN2004A



Input: 15V, MOS
Output: 350 mA
16 pin dip package
ULN2004A..$ .99

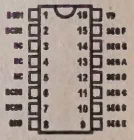
DAC1218LCJ



Mfg. - NATIONAL
18 pin ceramic,
12 bit binary, 4 quadrant multiplying D to A converters. 5 VDC to 15 VDC, 20 mW power dissipation. Spec sheet included.

DAC1218..$4.95

CA3161 BCD-TO-7 SEGMENT DECODER/DRIVER



This monolithic IC performs the BCD-to-7 segment decoding function and features constant current (25 mA) segment drivers. TTL-compatible input logic levels eliminates need for output current-limiting resistors. Pin compatible with other industry standard decoders. 18 mW power dissipation. Spec sheet included.

CA3161..$1.75

L6560

New

Mfg. - SGS
8 pin dip. Power factor corrector
Multipower BCD technology

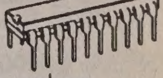
L6560..$ .99

9346

1024-bit (64 x 16), 5V
Serial eeprom, 8 pin

9346..$1.29

ADC0820CCN



Mfg. - NATIONAL
A/D converters
8-bit w/diff. inputs. 20 pin dip package

ADC0820CCN..................................$4.95

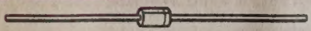
SURFACE MOUNT TRANSISTORS

SOT-23 package

IMBT2222A........NPN SMD 350 mW........$ .20
IMBT2907A........PNP SMD 350 mW........$ .20
IMBT3904..........NPN SMD 350 mW........$ .20
IMBT3906..........PNP SMD 350 mW........$ .20
IMBT4401..........NPN SMD 350 mW........$ .20
IMBT4403..........PNP SMD 350 mW........$ .20

DIODES

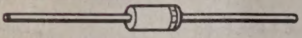
1 AMP DIODES



DO-41 package

Part#	Voltage	(1-999)	(1K-up)
1N4001	50	$ .04	$ .03
1N4002	100	.06	.05
1N4003	200	.07	.06
1N4004	400	.07	.06
1N4005	600	.08	.07
1N4006	800	.08	.07
1N4007	1000	.08	.06

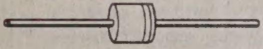
3 AMP DIODES



DO-27 package

Part#	Voltage	(1-999)	(1K-up)
1N5400	50	$ .15	$ .14
1N5401	100	.16	.15
1N5402	200	.17	.16
1N5403	300	.18	.17
1N5404	400	.19	.18
1N5405	500	.20	.19
1N5406	600	.21	.20
1N5407	800	.22	.21
1N5408	1000	.23	.22

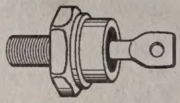
6 AMP DIODES



R-6 package

Part#	Voltage	(1-999)	(1K-up)
6A05	50	$ .42	$ .39
6A1	100	.45	.40
6A2	200	.47	.42
6A4	400	.49	.44
6A6	600	.54	.49
6A8	800	.62	.57
6A10	1000	.70	.62

STUD MOUNT RECTIFIERS



12 amp @ 200V (D0-4)
1N1202......................................**$1.25**

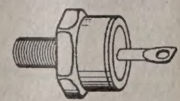
35 amp @ 100V (D0-5)
1N1184......................................**$1.25**

35 amp @ 150V (D0-5)
1N1185R....................................**$1.49**

35 amp @ 400V (D0-5)
1N1188A....................................**$2.49**

Cathode-to-stud unless "R" suffix then it is anode-to-stud.

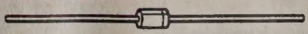
1N3768



35 amp @ 1000 volt
Silicon recovery rectifier
DO-5

1N3768......................................**$4.45**

ZENER DIODES



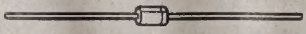
Part#	Voltage	Watt	(1-999)	(1K-up)
1N746A	3.3	250 mW	$ .12	$ .09
1N4739	9.1	250 mW	.12	.09
1N963	12	400 mW	.12	.09
1N5256	30	400 mW	.12	.09
1N5229	4.3	500 mW	.12	.09
1N5235	6.8	500 mW	.12	.09
1N5245	15	500 mW	.12	.09
1N5247B	17	500 mW	.12	.09
1N4728A	3.3	1 W	.12	.09
1N4729A	3.6	1 W	.12	.09
1N4730A	3.9	1 W	.12	.09
1N4731A	4.3	1 W	.12	.09
1N4732A	4.7	1 W	.12	.09
1N4733A	5.1	1 W	.12	.09
1N4734A	5.6	1 W	.12	.09
1N4735A	6.2	1 W	.12	.09
1N4736A	6.8	1 W	.12	.09
1N4737A	7.5	1 W	.12	.09
1N4738A	8.2	1 W	.12	.09
1N4740A	10	1 W	.12	.09
1N4741A	11	1 W	.12	.09
1N4742A	12	1 W	.12	.09
1N4743A	13	1 W	.12	.09
1N4744A	15	1 W	.12	.09
1N4745A	16	1 W	.12	.09
1N4746A	18	1 W	.12	.09
1N4747A	20	1 W	.12	.09
1N4748A	22	1 W	.12	.09
1N4749A	24	1 W	.12	.09
1N4760A	68	1 W	.12	.09
1N4764A	100	1 W	.12	.09

1N34

Germanium diode
75 PRV, DO-7 package

(1-999) (1K-up)
1N34..............................**$ .20**......**$ .17**

1N914



SI fast switching diode
75 volt, 75 mA, DO-35 package

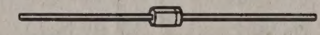
(1-999) (1K-up)
1N914............................**$ .05**......**$ .04**

1N4148

SI fast switching diode
75 volt, 200 mA, DO-35 package

(1-999) (1K-4999) (5K-up)
1N4148..............**$ .05**.....**$ .04**.....**$ .03**

1N5820

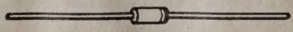


Mfg. - MOTOROLA
Schottky rectifier, Io=3 amp, V_R=20 volt
1N5820.......................................**$ .35**

2.5 AMP @ 1kV

(1-999) (1K-up)
HE007..........................**$ .20**......**$ .17**

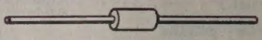
MR501



Recovery power rectifier
3 amp 100 volt, DO-201 package

(1-999) (1K-up)
MR501..........................**$ .20**......**$ .17**

BIDIRECTIONAL TRANSIENT VOLTAGE SUPPRESSORS



1500 Watt DO-201 Package

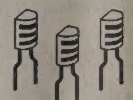
Part#	Description	(1-99)	(100-up
1.5KE6.8CA	6.8V @ 10 mA	$1.49	$.99
1.5KE7.5CA	7.5V @ 10 mA	1.49	.99
1.5KE15CA	15V @ 1 mA	1.49	.99
1.5KE200CA	200V @ 1 mA	1.49	.99
1.5KE220CA	220V @ 1 mA	1.49	.99

VOLTAGE VARIABLE CAPACITANCE DIODES

Voltage-variable, AFC silicon encap diode
Case - 182 (two lead TO-92)

Part#	Description	Price
MV209	26-32 pF	$ .35
MV2101	6.1-7.5 pF	.35
MV2209	29-37 pF	.35
MV2109	29.7-36.3 pF	.45
MV1662	Goes to 275 pF	.35

VARACTOR TUNING DIODES

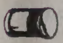


Mfg. - MOTOROLA
Mfg.# - SMV1662M3
Total Capacitance - 275 pF. Leads formed for insertion. Set of 3 matched diodes.

MV1662/S........................Set of 3/**$1.00**

SURFACE MOUNT DIODES

DL-41 package



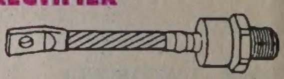
SPECIAL

Part#	Description	Price
1N4001SM	1amp 50 volt	$ .16
1N4004SM	1amp 400 volt	$ .18
1N4007SM	1amp 1000 volt	$ .20

Mini-Melf Package

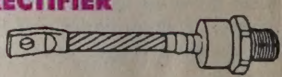
1N4148SM	10 mA 75 volt	$ .08

240 AMP @ 100 VOLT RECOVERY RECTIFIER



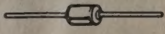
DO-9 case
Stud mount
48-150.....................................**$12.95**

275 AMP @ 400 VOLT RECOVERY RECTIFIER



D0-9 Case
Stud Mount
1N4050.....................................**$19.95**

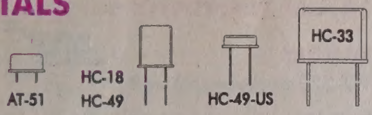
MR851



Mfg. - MOTOROLA
Fast recovery rectifiers, Io=3 amp, IFSM=100 amp. 100° VRRM
MR851...**$ .35**

CRYSTALS AND SEMICONDUCTORS

RYSTALS

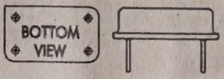


Part#	MHz	Case	(1-99)	(100-up)
23-189	1	HC-49	$3.99	$3.75
23-192	1	HC-33	4.95	4.49
23-149	1.8432	HC-33	1.99	1.79
23-117	2	HC-33	1.99	1.79
23-150	2.4576	HC-18	1.19	.99
23-151	3.2768	HC-18	.99	.75
23-109	3.57954	HC-18	.99	.75
23-110	3.57954	HC-33	.99	.75
23-164	3.6864	HC-18	.99	.75
23-152	4	HC-18	.99	.75
23-190	4	AT-51	1.25	.99
23-185	4.194304	HC-33	.99	.75
23-165	4.9152	HC-18	.99	.75
23-153	5	HC-18	.99	.75
23-111	5.0688	HC-18	.99	.75
23-154	6	HC-18	.99	.75
23-155	6.144	HC-18	.99	.75
23-101	6.6520	HC-18	.99	.75
23-156	8	HC-18	.99	.75
23-157	10	HC-18	.99	.75
23-112	11	HC-18	.99	.75
23-188	11	HC-49-US	1.25	.99
23-174	11.0592	HC-49-US	.99	.75
23-158	12	HC-18	.99	.75
23-114	14.31818	HC-18	.99	.75
23-115	14.7456	HC-18	.99	.75
23-159	16	HC-18	.99	.75
23-160	18	HC-18	.99	.75
23-173	18.432	HC-18	.99	.75
23-161	20	HC-18	.99	.75
23-162	24	HC-18	.99	.75
23-163	32	HC-18	.99	.75
23-175	57.2727	HC-18	.99	.75

32.768 KHz CYLINDER TYPE QUARTZ CRYSTAL

(1-99) (100-up)
23-118..........32.768 KHz...........$ .40....$ .29

TTL CRYSTAL CLOCK OSCILLATORS



Part#	MHz	(1-99)	(100-up)
23-119	1	$2.99	$2.45
23-120	1.8432	2.99	2.45
23-121	2	2.45	1.95
23-103	2.1	2.45	1.95
23-168	2.4576	2.45	1.95
23-187	2.4576 Half Can	2.95	2.45
23-123	3.6864	2.45	1.95
23-124	4	2.45	1.95
23-104	4.8064	2.45	1.95
23-169	6	2.45	1.95
23-194	6.291456	2.45	1.95
23-183	6.4	2.45	1.95
23-126	7.3728	2.45	1.95
23-127	8	2.45	1.95
23-128	9.8304	2.45	1.95
23-129	10	2.45	1.95
23-130	12	2.45	1.95
23-186	14.31818	2.45	1.95
23-131	16	2.45	1.95
23-184	16.384	2.45	1.95
23-132	20	2.45	1.95
23-133	21.5827	2.45	1.95
23-134	24	2.45	1.95
23-135	25.175	2.45	1.95
23-107	26	2.45	1.95
23-136	30	2.45	1.95
23-180	32	2.45	1.95
23-193	32.768	2.45	1.95
23-137	32.5	2.45	1.95
23-139	36	2.45	1.95
23-140	36.3636	2.45	1.95
23-141	40	2.45	1.95
23-142	44.6	2.45	1.95
23-143	50	2.45	1.95
23-144	60	2.99	2.45
23-145	63.98	2.45	1.95
23-167	66.6666	2.45	1.95
23-182	80	2.99	2.45
23-146	95	2.45	1.95
23-181	100	2.99	2.45
23-147	107.352	2.45	1.95
23-195	108.7534	2.45	1.95

METAL OXIDE VARISTORS (MOV)

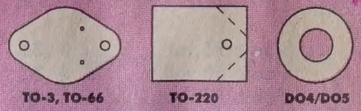
New

NTE

Part#	AC RMS Voltage (Volts)	DC Voltage (Volts)	Energy (10/1000µs) (Joules)	Peak Current (8/20µs) (Amps)	Voltage @ 1mA DC Test Current (Volts)	Nominal Varistor Voltage, V @ Test Current (8/20µs) (Volts)	Maximum Clamping Transient Power Dissipation (Watts)	Price
NTE2V014	14	18	4	1000	22	55	.06	$1.75
NTE2V015	15	20	4.5	1000	24	48	.60	1.75
NTE1V020	20	26	1.5	250	33	70	.25	.99
NTE2V020	20	26	6	1000	33	70	.60	1.75
NTE1V025	25	31	1.7	250	39	80	.25	.99
NTE1V030	30	38	2.3	250	47	95	.25	.99
NTE2V030	30	38	8.5	1000	47	95	.60	1.75
NTE2V035	35	45	10	1000	56	110	.60	1.75
NTE2V115	115	150	35	4500	171	300	.60	1.75
NTE1V130	130	180	10	1200	216	355	.25	.99
NTE2V130	130	180	39	4500	216	355	.60	1.75
NTE1V150	150	210	10	1200	240	410	.25	1.25
NTE2V150	150	210	40	4500	240	410	.60	1.75
NTE1V250	250	320	20	1200	390	630	.25	1.45
NTE2V250	250	320	70	4500	390	630	.60	2.49
NTE2V275	275	330	72	4500	430	685	.60	2.49
NTE1V300	300	370	22	1200	470	740	.25	1.69

THERMO-PADS

New

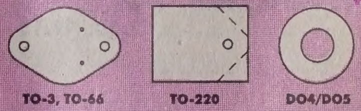


These thermally conductive insulators offer low heat transfer resistance while still providing high electrical isolation between the parts of the assembly.

Part#	Case	Pk of 5
TP001	TO-3	$1.39
TP002	TO-66	1.19
TP003	DO-4	.79
TP004	TO-126	.69
TP005	TIP-36	1.05
TP006	TO-220	.99
TP007	DO-15	1.05
TP008	TO3-P	1.35
TP009	TO36	1.35
TP0010	TO3PML	1.89

INSULATOR KITS

New



Each kit includes mica insulator and nylon bushings.

Part#	Description	Price
NTE413	Insulator kit for TO-3	2/1.65
NTE414	Insulator kit for TO-36 Includes: lock washer, solder lug, nut and plastic insulating tube.	2/1.65
NTE415	Insulator kit for TO-66	2/1.59
NTE422	Insulator kit for TO-220 (plastic TO-66)	2/1.62
NTE438	Insulator kit for DO-4, TO-64 stud Includes: flat washer, solder lug and nut.	.59
NTE439	Insulator kit for DO-5, TO-48 stud Includes: flat washer, lock washer, solder lug and nut.	.59

TRANSISTOR SOCKET

5/16" OA dia. x .28"H
PC terminals.. Mounts in a 1/4" dia. hole. Socket for 3 lead to TO-18 style.

21-156..$ .20

TO-3 INSULATING BERYLLIUM OXIDE WAFERS

Mfg. - EG&G WAKEFIELD
Mfg.# - 177-3-62
For TO-3 case, .062" thick.
99.5% pure beryllium oxide. Has thermal conductivity comparable to aluminum. Thermal resistance: case-to-sink (°C/W). Dry mount is 0.4 to 1.0. 700 volts/mil breakdown voltage.

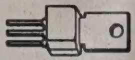
80-257.......................................10/$19.95

.8 AMP SCRs

TO-92 Package

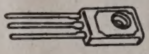
2N5060	.8 amp 25 volt	$ .35
2N5061	.8 amp 50 volt	$ .37
2N5062	.8 amp 100 volt	$ .40
2N5064	.8 amp 200 volt	$ .40

4 AMP SCRs



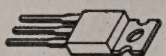
4 amp 400 volt
C106D1................TO-202...................$ .49

4 amp 600 volt
T106M1................TO-202...................$ .75



4 amp 400 volt
C106D..................TO-126...................$ .49

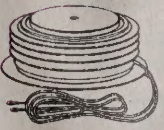
TECCOR ® ELECTRONICS, INC SCRs



TO-220AB Package

	(1-99)	(100-Up)
10 amp 400 volt isolated S4010L	$1.49	$1.25
25 amp 400 volt isolated S4025L	$2.49	$2.15

675 AMP @ 1400 VOLT SCR



2-1/4" dia x 1" tall
Mfg. - VARIAN
Mfg.# - NL-1580PB

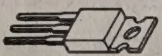
48-151...$49.95

MAGNETICALLY ACTIVATED HALL EFFECT CIRCUIT

Mfg. - SPRAGUE, #UGN3013U
This single output hall effect switch has a supply voltage range of 4.5 to 16 volts. Operating gauss typ 300 - max 450 and releases typ 225 - min 25 gauss. Spec sheet included.

25-204...$ .45

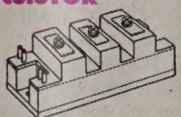
L4805CV



Mfg. - SGS, TO-220 pkg
5 volt regulator with Input/Output drop of .4 volt with 400mA output current. Spec sheet included.

	(1-99)	(100-Up)
L4805CV	$ .99	$ .89

POWER MODULE TRANSISTOR

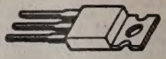


Mfg. - FUJI
Mfg.# - 2D150A-120
M204 Pkg. 50 amp
1200 volt, 800 watt
Module type/electrically isolated package.

2D150A120......................................$24.95

SGS-THOMSON ® MICROELECTRONICS

TRIACS

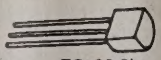


Mfg. - SGS, TO - 220 Pkg.

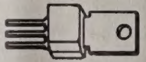
	(1-99)	(100-Up)
6 amp 600 volt BTA06-600B	$ .75	$ .65
8 amp 600 volt Isolated BTA08-600A	$ .85	$ .75
8 amp 700 volt BTB08-700TW	$ .85	$ .75
10 amp 600 volt BTB10-600C	$ .95	$ .85
25 amp 600 volt BTB24-600B	$2.25	$1.99

TECCOR ® ELECTRONICS, INC

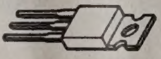
LOGIC TRIACS



1 amp 200 volt L201E3	TO-92 Pkg.	$ .79
1 amp 400 volt L401E3	TO-92 Pkg.	$ .92



4 amp 200 volt L2004F31	TO-92 Pkg.	$ .95
4 amp 400 volt L4004F31	TO-92 Pkg.	$ .95
4 amp 600 volt L6004F31	TO-92 Pkg.	$1.25



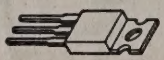
4 amp 600 volt Isolated TO-92 Pkg.
L6004L9..$1.75

15 AMP @ 400 VOLT TRIAC

Mfg. - GE, #SC250D
TO-48 pkg

SC250D..$3.99

Q4015L5 TRIAC



Mfg. - TECCOR
15 amp 400 volt isolated, TO-220

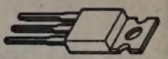
	(1-99)	(100-Up)
Q4015L5	$1.45	$1.36

DB3 DIACS

DO-35 Pkg.
27 V_{BO} min., 37 V_{BO} max.
50 I_{BO} min. (equal to HT-32 & ST2)

	(1-99)	(100-Up)
DB3	$ .31	$ .21

10 AMP TRANSISTORS



60 VOLT

TO-220 package, 50 watt

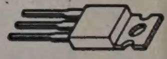
D44H8	NPN	$1.35
D45H8	PNP	$1.50

80 VOLT

TO-220 package, 50 watt

D44H11	NPN	$1.35
D45H11	PNP	$1.50

10 AMP SCHOTTKY BARRIER RECTIFIERS



TO-220 Pkg.
High surge voltage and transient protection. High efficiency with low power loss. Common cathode.

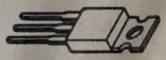
SR10100.............100 PRV....................$1.99

SCHOTTKY RECTIFIER

Mfg. - MOTOROLA, #SD51
DO-5 Pkg
60(A) Io, 800(A) 1 fsm
35 Vrrm

SD51...$3.95

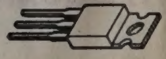
D4020L POWER RECTIFIER



Mfg. - TECCOR
20 amp 400 volt
TO-220

	(1-99)	(100-Up)
D4020L	$1.42	$1.29

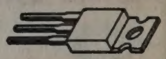
MAC3030-8



Mfg. - MOTOROLA
TO-220 Pkg., Triac, 8 amp @ 250 volt

MAC3030-8...$ .75

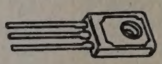
MAC15-6



Mfg. - MOTOROLA
TO-220 Pkg., Triac, 15 amp @ 400 volt

MAC15-6...$ .99

MJE1100



Mfg. - MOTOROLA
NPN silicon darlington
TO-127 Pkg.

New

MJE1100...$14.95

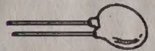
WE STOCK

SEMICONDUCTORS

OPTO ISOLATORS

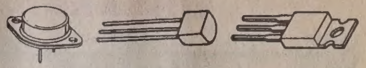
Part#	Pins	Description	Isolation (kV)	(1-99)	(100-up)
4N22	6	Phototransistor	1	$ .65	$ .59
4N25	6	Diode, NPN photo transistor	2.5	.49	.39
4N26	6	Diode, NPN photo transistor	1.5	.49	.39
4N27	6	NPN phototransistor	1.5	.59	.49
4N29	6	Transistor output	----	.65	.59
4N32	6	Diode, NPN photo-darlington	2.5	.65	.45
4N35	6	NPN optoisolator	3.5	.39	.35
4N36	6	Phototransistor	2.5	.49	.39
4N37	6	Diode, NPN photo transistor	1.5	.49	.39
4N40	6	SCR output optoisolator	6	1.20	----
4N45	6	High gain optoisolator	3	.40	----
6N136	8	High speed NPN transistor	2.5	1.49	1.25
6N137	8	Very high speed logic coupler	2.5	.41	.39
6N138	8	High speed, high gain darlington	2.5	1.49	1.25
6N139	8	High speed, high gain darlington	2.5	1.75	1.49
CNY17-2	6	NPN phototransistor	5.3	.59	.49
CNY17II	6	NPN phototransistor	7.5	.59	.49
CNX35U	6	NPN transistor output	----	.49	.45
H11A1	6	NPN optoisolator	4	.45	----
H11B1	6	Optoisolator/Transistor Output	2.5	.65	.55
H11C3	6	Photo SCR output	5	1.35	1.25
H11AA1	6	Dual infrared diode, NPN photo transistor	2.5	.79	.69
H11AV3A	6	Opto coupler 70 BV/CEO	----	.35	.30
IL201	6	NPN transistor output	----	.65	.60
MCA255	6	Triac output	----	.99	.89
MOC3010	6	Bilateral triac driver	7.5	.75	.65
MOC3011	6	Bilateral triac driver	7.5	1.25	1.09
MOC3022	6	Bilateral triac driver	7.5	.79	.69
MOC3030	6	Optically isolated triac driver	7.5	.75	.65
MOC3031	6	Zero crossing triac driver	7.5	1.79	1.65
MOC3041	6	Opto coupler/triac	7.5	1.45	1.25
MOC3062	6	Optically isolated triac driver	----	1.25	1.09
MOC5008	6	Schmitt trigger	----	.89	.79
TIL-111	6	NPN transistor output	1.5	.89	.75

METAL OXIDE VARISTORS (MOV)



Part#	Dia.	VAC RMS	VDC Max	Max Clamping Amps	Joules	(1-99)	(100-UP)
V8ZA2	10mm	4	5.5	5	.8	$ .45	$ .35
V12ZA2	10mm	6	8	5	1.2	.45	.35
V130LA1	7mm	130	175	10	11	.35	.29
V130LA10A	14mm	130	175	50	38	.51	.46
V130LA20B	20mm	130	175	100	70	.69	.65
V150LA1	8mm	150	200	10	13	.39	.35
Z150LA2	7mm	150	200	10	13	.25	.20
V150LA10A	14mm	150	200	50	45	.64	.59
V150LA20B	20mm	150	200	100	80	.59	.55
V150ZA8	16mm	95	127	50	30	.69	.55
V250LA20A	14mm	250	330	50	72	.59	.55
V250LA40B	20mm	250	330	100	130	.86	.79
V275LA15A	14mm	275	369	50	30	.75	.69
V275LA40B	20mm	275	369	100	140	.96	.88
V420LA20A	16mm	420	560	50	90	.89	.75
V420LA40	20mm	420	560	100	160	1.95	1.75
V420LA40A	21mm	420	560	50	160	3.99	3.75
V660LA100B	20mm	660	850	100	140	.99	.89
S14K130	14mm	130	175	50	55	.50	.45
S14K275	16mm	275	370	50	100	.50	.45
S20K150	20mm	150	200	----	79	.35	.30

VOLTAGE REGULATORS



Part#	Pins	Description	(1-99)	(100-up)
7805	TO-220	+5 V Regulator 1Amp	.55	$ .45
7805K	TO-3	+5 V Regulator 1 Amp	1.99	1.89
7806	TO-220	+6 V Regulator 1 Amp	.55	.45
7808	TO-220	+8 V Regulator 1 Amp	.59	.55
7808K	TO-3	+8 V Regulator 1 Amp	1.99	1.89
7812	TO-220	+12 V Regulator 1 Amp	.55	.45
7815	TO-220	+15 V Regulator 1 Amp	.49	.45
7815K	TO-3	+15 V Regulator 1 Amp	1.99	1.89
7824	TO-220	+24 V Regulator 1 Amp	.55	.45
78L05	TO-92	+5 V Regulator 100 mA	.39	.29
78L08	TO-92	+8 V Regulator 100 mA	.39	.29
78L12	TO-220	+12 V Regulator 100 mA	.39	.29
78L15	TO-92	+15 V Regulator 200 mA	.39	.29
78M05	TO-220	+5 V Regulator 500 mA	.55	.49
78M08	TO-220	+8 V Regulator 500 mA	.55	.49
78M15	TO-220	+15 V Regulator 500 mA	.55	.49
78M24	TO-220	+24 V Regulator 500 mA	.55	.49
7905	TO-220	-5 V Regulator 1 Amp	.59	.45
7906	TO-220	-6 V Regulator 1 Amp	.59	.45
7912	TO-220	-12 V Regulator 1 Amp	.59	.45
7915	TO-220	-15 V Regulator 1 Amp	.59	.45
79L05	TO-92	-5 V Regulator 100 mA	.39	.29
79M05	TO-202	-5 V Regulator 500 mA	.55	.49

EPROMS

Part#	Speed	Description		Price
2732A-25	250 ns	4K x 8	32K	$3.99
27C64-25	250 ns	8K x 8	64K CMOS	3.09
27C64-15	150 ns	8K x 8	64K CMOS	4.49
2764-2	200 ns	8K x 8	64K	3.45
27C64-2	200 ns	8K x 8	64K CMOS	3.45
2764-25	250 ns	8K x 8	64K	2.99
27128-15	150 ns	16K x 8	128K	4.49
27C128-15	150 ns	16K x 8	128K CMOS	4.49
27128A-2	200 ns	16K x 8	128K	3.95
27128-25	250 ns	16K x 8	128K	3.49
27256-10	100 ns	32K x 8	256K	5.49
27C256-12	120 ns	32K x 8	256K CMOS	5.25
27C256-15	150 ns	32K x 8	256K CMOS	4.75
27256-2	200 ns	32K x 8	256K	4.49
27C256-2	200 ns	32K x 8	256K CMOS	4.49
27C512-15	150 ns	64K x 8	512K CMOS	6.95
27C512-2	200 ns	64K x 8	512K CMOS	5.95
27C010-12	120 ns	128K x 8	1024K CMOS	8.95
27C010-2	200 ns	128K x 8	1024K CMOS	8.95

SIGNETIC SERIES PROMS

Part#	#Pins	Description	(1-49)	(50-Up)
82S23	16	256-bit PROM Open Collector	$3.95	$3.75
82S123	16	256-bit PROM (32x8) Tri-State	1.49	1.25
82S129	16	1024-bit PROM (256x4) Tri-State	1.69	1.50
82S131	16	2048-bit PROM (512x4) Tri-State	2.49	2.35
82S141	20	4096-bit PROM (512x8) Tri-State	3.49	3.25
82S147	24	2048-bit PROM (512x8) Tri-State	2.99	2.75
PLS151	20	FPGA (18x15x12) Tri-State	1.99	1.75
8T09	8	Quad Bus Driver	.59	.49
8T97	16	Hex 3-State Buffer/Inverter	.99	.89
DS8833N	16	Quad 3-State Bus Transceiver	1.99	1.79

LINEARS

PART#	#PINS	DESCRIPTION	1-99	100-UP
TL064CN	14	Low Power JFet Op Amp	$ .99	$ .89
TL072CN	8	Low Noise JFet Dual Op Amp	.75	.60
TL082CP	8	Bifet Dual Op Amp GP	.65	.55
TL084CN	14	Bifet Quad Op Amp GP	.99	.89
LM211P	8	High Performance Voltage	1.15	.95
MAX232CPE	16	Dual RS232 Rec/Tran	3.49	3.25
LM301N	8	Op Amp	.49	—
LM301H	TO-5	Op Amp	.59	.55
LM307	8	Op Amp	.40	.36
LM308	8	Micro Power Op Amp	.85	.79
LM308H	TO-5	Micro Power Op Amp	.99	.89
LM309H	TO-5	+5V Regulator	2.95	2.75
LM309K	TO-3	5V 1A Voltage Regulator	4.99	—
LM310N	8	Voltage Follower Op Amp	1.75	1.65
LM311N	8	Hi-Perf Voltage Comparator	.49	.45
LM312H	TO-5	Super Gain Comp Op Amp	1.75	1.69
LM317K	TO-3	Adj + Reg 1.2-37V 1.5A	2.19	1.85
LM317LZ	TO-92	Adj + Reg 1.2-37V 1.5A	.75	—
LM317T	TO-220	Adj + Reg 1.2-37V 1.5A	.65	—
LM318H	TO-5	High Slew Rate Op Amp	2.95	2.75
LM318N	14	High Speed Op Amp	.99	.89
LM319N	14	High Speed Dual Comparator	.99	.89
LM323K	TO-3	+ 3-Term 5V 3A Regulator	3.09	2.75
LM324N	14	Quad Op Amp	.39	.36
LM329Z2	TO-92	Precision Zener 6.9V	.59	.55
LM330T-5	TO-220	Positive Regulator	.64	.59
LM334Z	TO-92	Adjustable Current Source	.99	.89
LM335Z	TO-92	Voltage Mode Temp Sensor	1.99	1.85
LM336Z	TO-92	Voltage Reference 2.5V	.99	.89
LM337K	TO-3	Adj Neg Reg -1.2 - 37V 3 A	3.99	—
LM337T	TO-220	Adj Neg Reg -1.2 - 37V 1.5A	1.25	.99
LM339N	14	Quad Comparator	.39	.35
LM340K-12	TO-3	+ 12V Regulator 1.5A	1.99	—
LM342P-12	TO-220	+ 12V Regulator .25 Amp	.55	.45
LM344H	TO-99	High Volt & Slew Rate Op Amp	4.50	4.15
LM348N	14	Quad 741 Op Amp	.59	.55
LM350K	TO-3	Adj + Reg 1.2-33V	4.19	3.75
LM350T	TO-220	1.2-33V Regulator	2.75	2.49
LM358N	8	Dual Op Amp LP	.39	.35
LM376	8	+ Voltage Regulator	2.99	2.50
LM377N	14	IC - Dual Audio Power, 2 watt	2.75	2.49
LM380	14	2 Watt Audio Amplifier	1.29	1.19
LM380N-8	8	Audio Power Amplifier	1.35	1.15
LM386N	8	Low Voltage Audio Amp	.89	.75
LM389	18	Low Voltage Power Amp	1.55	1.35
LM392N	8	Op Amp & Comparator	.75	.69
LM393N	8	LP Dual Voltage Comparator	.40	.35
TL431CLP	8	Programmable Precision	.59	.49
TL431CP	8	Programmable 2.5-36V Ref	.75	.69
TL496	8	9-volt Power Supply Controller	1.49	1.35
NE531T	8	High Slew Rate Op Amp	1.49	1.35
GLC555	8	CMOS 555 Timer	.45	.40
GLC556	14	Dual CMOS 555 Timer	.29	.25
NE555	8	Timer	.35	.29
NE556	14	Dual 555 Timer	.39	.35
TLC556	14	Dual CMOS 555 Timer	.50	.46
NE558N	16	Quad 555 Timer	.65	.59
NE565N	14	Phased Locked Loop PLL	1.29	1.19
NE566CN	8	Function Generator	1.29	1.19
NE567V	8	Tone Decoder PLL	.59	.55
NE571N	16	Compander	1.89	1.75
NE590N	16	High-Current Latched Driver	1.49	1.35
NE592N	14	Differential Video Amp	.59	.49
MAX690CPA	8	MPU Watchdog/Batt. Reset Gen	4.95	4.65
LM709N	14	Op Amp	.49	.45
LM710N	14	Differential Comparator	.75	.69
LM711H	TO-5	Dual Differential Comparator	.99	.89
LM711N	14	Dual Differential Comparator	.79	.75
LM723H	TO-5	Voltage Regulator 2-37V	1.25	.99
LM723CN	14	Voltage Regulator 2-37V	.69	.64
LM733CN	14	(NE592) Video Amp	.55	.49
LM741CN	8	Op Amp	.45	.40
LM741H	TO-5	Op Amp Can Style Case	.99	.79
LM747CN	14	Dual LM741 Op Amp	.59	.55
LM748CN	14	Freq Adjusted Op Amp	.59	.55
LM833N	8	Dual Audio Amp Comp	1.99	1.75
MC1350P	8	Video IF Amp 12V	.79	.69
MC1372N	14	Color Video Modulator	2.19	1.99
MC1414N	14	Linear Integrated Circuit	1.25	1.05
LM1458	8	Dual Comp Op Amp (LM4558)	.39	.35
MC1488N	14	Quad RS-232 Driver 75188	.39	.35
MC1489N	14	Quad RS-232 Receiver 75189	.45	.39
MC1496P	14	Balanced Mod/DC Mod	1.10	.99
LM1558H	TO-5	Dual Comparator Op Amp	2.60	2.25
LM1889N	18	RF Video Modulator	3.49	3.15
LM1896N	14	Low Voltage Dual Audio Amp	1.49	1.35
LM2900N	14	Quad Op Amp	.85	.79
LM2901N	14	Quad Comparator (3302)	.29	.25
LM2902N	14	Quad Comparator	.55	.50
MPQ2907N	14	Frequency to Voltage Conv	1.19	.99
MC3340P	8	Electronic Attenuator	1.25	.99
MC3373N	8	CMOS IR Amp/Detector	1.29	.99
LM3900N	14	Quad Op Amp	.69	.59
LM3914N	18	Bargraph Display Driver	2.49	2.25
MC4024P	14	Dual Vltg-Cont Multivibrator	2.19	1.99
MC4044N	14	Phase Frequency Detector	4.75	4.49
RC4136N	14	Quad Op Amp	1.15	.99
LM4250N	8	Programmable Op Amp	1.29	1.15
LM4250H	TO-5	Programmable Op Amp	2.19	1.99
LM4500AN	16	European FM Demodulator	1.95	1.50
RC4558N	8	Dual Wide Band Op Amp	.69	.59
DS8833N	16	Linear Device	1.99	1.75
75154	16	Quad Line Receiver (9617)	1.39	1.25
75175	16	Quad Diff 422A/423A Line Rec	2.75	2.59
75451	8	Dual Peripheral AND Driver	.45	.40
75477	8	Dual NAND Peripheral Driver	.45	.40

CMOS

PART#	#PINS	DESCRIPTION	1-99	100-UP
CD4001	14	Quad 2-Input NOR Gate	$ .25	$ .22
CD4002	14	4-Input NOR Gate	.29	.25
CD4006	14	18-Stage Static Shift Register	.50	.45
CD4007	14	Dual Complementary Pair/Inverter	.30	.27
CD4008	16	4-Bit Full Adder	.70	.63
CD4009	16	Hex/ Buffer/ Converter (Inverting)	.69	.65
CD4010	16	Hex/ Buffer/ Conv. (Non-inverting)	.39	.35
CD4011	14	Quad 2-Input NAND Gate	.24	.22
CD4012	14	Dual Input NAND Gate	.25	.23
CD4013	14	Dual D Flip-Flop W/ Set-Reset	.35	.30
CD4014	16	8-Stage Static Shift Register	.55	.49
CD4015	16	Dual 4-Stage Static Shift Register	.35	.32
CD4016	14	Quad Bilateral Switch	.35	.32
CD4017	16	Decade Counter/ Divider	.40	.36
CD4018	16	Presettable Divide-By-N Counter	.50	.45
CD4019	16	Quad AND/OR Select Gate	.39	.35
CD4020	16	14-Stage Binary/Ripple Counter	.40	.36
CD4021	16	8-Stage Static Shift Register	.45	.40
CD4022	16	Divide-By-8 Counter	.50	.45
CD4023	14	Triple 3-Input NAND Gate	.26	.24
CD4024	14	7-Stage Binary Counter	.45	.41
CD4025	14	Triple 3-Input NOR Gate	.25	.23
CD4027	16	Dual JK Master-Slave Flip-Flop	.39	.35
CD4028	16	BCD-To-Decimal Decoder	.39	.36
CD4029	16	Presettable Up/Dn Counter	.59	.55
CD4030	14	Quad Exclusive-OR Gate	.39	.34
CD4034	24	8-Bit 3-Static Shift Register	1.04	.85
CD4035	16	4-Bit Parallel-In/Out Shift Register	.99	.90
CD4040	16	12-Stage Binary/Ripple Counter	.54	.49
CD4041	14	Quad True/ Complement Buffer	.70	.63
CD4042	16	Quad Clocked D Latch	.55	.50
CD4043	16	Quad NOR R-S Latch Tri-State	.39	.35
CD4044	16	Quad 3-State NAND R-S Latch	.59	.55
CD4046	16	Micropower Phase-Locked Loop	.59	.53
CD4047	14	Monostable/Astable Multivibrator	.69	.65
CD4048	16	8-Input Multifunctional Expander	.70	.63
CD4049	16	Hex/ Buffer/ Converter (Inverting)	.25	.23
CD4050	16	Hex/ Buffer/ Conv. (Non-inverting)	.25	.23
CD4051	16	Single 8-Channel DE/Multiplexer	.55	.49
CD4052	16	Differential 4-Channel DE/Multiplexer	.55	.42
CD4053	16	Triple 2-Channel DE/Multiplexer	.55	.49
CD4056	16	BCD to 7 Seg LCD Buffer/Driver	.99	.90
CD4060	16	14-Stage Ripple-Carry Binary	.65	.62
CD4066	14	Quad Bilateral Switch	.32	.29
CD4067	24	16-Channel Analog DE/Multiplexer	1.35	1.20
CD4068	14	8-Input NAND Gate	.39	.35
CD4069	14	Hex Inverter (74CO4)	.26	.24
CD4070	14	Quad Exclusive-OR Gate (74C86)	.29	.25
CD4071	14	Quad 2-Input OR Gate	.26	.24
CD4072	14	Dual 4-Input OR Gate	.30	.27
CD4073	14	Triple 3-Input AND Gate	.26	.23
CD4075	14	Triple 3-Input OR Gate	.32	.29
CD4076	16	Quad D Type Register (74C173)	.55	.49
CD4077	14	Quad Exclusive-NOR Gate	.29	.27
CD4078	14	8-Input NOR Gate	.29	.28
CD4081	14	Quad 2-Input AND Gate	.25	.23
CD4085	14	2-Input AND/OR Inverter Gate	.70	.63
CD4086	14	2-Input AND/OR Inverter Gate	.70	.63
CD4093	14	Quad 2-Input NAND Schmitt Trigger	.35	.33
CD4094	16	8-Stage Shift-And-Store Bus	.75	.65
CD4098	16	COS/MOS Dual Monostable Multivibrator	.85	.75
CD4099	16	8-Bit Addressable Latch	.69	.65
CD4502	16	Strobed Hex Inverter/ Buffer	.84	.79
CD4503	16	Tri-State Hex Buffer (80C97)	.39	.35
CD4504	16	CD4504	.42	.37
CD4507	14	Quad Exclusive OR Gate	1.02	.89
CD4508	24	Dual 4-Bit Latch	1.02	.89
CD4510	16	BCD Up/Dn Counter	.59	.54
CD4511	16	BCD To 7-SEG Latch/Decoder/Driver	.69	.65
CD4512	16	8-Channel Data Selector	.59	.55
CD4514	24	4-Bit Latch/ 4-16 Decoder	1.02	.92
CD4515	24	4-Bit Latch/ 4-16 Decoder	1.19	.99
CD4516	16	Binary Up/Dn Counter	.65	.59
CD4517	16	Dual 64-Stage Static Shift	.79	.65
CD4518	16	Dual BCD Up Counter	.69	.59
CD4519	16	Selector/ XOR Gate	.69	.62
CD4520	16	Dual Binary Up Counter	.59	.55
CD4526	16	Divide-By-Counter	1.09	.85
CD4527	16	BCD Rate Multiplier	.92	.85
CD4528	16	Dual Monostable Multivibrator	.69	.60
CD4529	16	Dual 4-Channel Analog Multiplexer	1.02	.92
CD4531	16	12-Bit Parity Tree	.88	.83
CD4532	16	8-Bit Priority Encoder	.98	.89
CD4538	16	Dual Mono Stable Multivibrator	.69	.65
CD4539	16	Dual 4-Channel Multiplexer	.99	.92
CD4541	14	Oscillator/ Programmable Timer	.69	.65
CD4543	16	BCD To 7-Segment Decoder	.89	.75
CD4553	16	3-Digit BCD Counter	3.75	3.49
CD4555	16	Dual Binary 1 Of 4 Dec. Demultiplexer	.59	.55
CD4556	16	Dual Binary 1 Of 4 Decoder Inverter	.59	.50
CD4558	16	BCD To 7 Segment Decoder	1.25	1.15
CD4560	16	NBCD Adder	2.92	2.75
CD4572	16	Hex Gate (MC14572BCP)	1.09	.85
CD4582	16	Look-Ahead Carry Block	2.25	1.85
CD4584	14	Hex Schmitt Trigger	.55	.49
CD4585	16	4-Bit Comparator	.59	.55
CD4702	16	Programmable Bit Rate Generator	10.00	9.00
CD4724	16	8-Bit Addressable Latch	1.02	.95

TTL IC'S

74LS00 SERIES IC'S

PART#	#PINS	DESCRIPTION	1-99	100-UP
4LS00	14	Quad 2-Input NAND Gate	$ .29	$ .25
4LS02	14	Quad 2-Input NOR Gate	.29	.25
4LS03	14	Quad 2-Input AND Gate (Open Col)	.29	.25
4LS04	14	Hex Inverter	.29	.25
4LS05	14	Hex Inverter (Open Collector)	.29	.25
4LS06	14	Hex Inverter Buffer/Driver	.49	.45
4LS08	14	Quad 2-Input AND Gate	.35	.29
4LS10	14	Triple 3-Input NAND Gate	.29	.25
4LS11	14	Triple 3-Input AND Gate	.29	.25
4LS13	14	Dual 4-Input NAND Schmitt Trigger	.35	.29
4LS14	14	Hex Schmitt Trigger Inverter	.39	.35
4LS20	14	Dual 4-Input NAND Gate	.29	.25
4LS21	14	Dual 4-Input AND Gate	.29	.25
4LS27	14	Triple 3-Input NOR Gate	.29	.25
4LS30	14	8-Input NAND Gate	.29	.25
4LS32	14	Quad 2-Input OR Gate	.35	.29
4LS38	14	Quad 2-Input NAND Buffer (Open Col)	.35	.29
4LS42	16	4-10 Line BCD-To-Decimal Decoder	.39	.35
4LS51	14	Dual 2-Input AND/OR Inverter Gate	.29	.25
4LS73	14	Dual JK Flip Flop with clear	.39	.35
4LS74	14	Dual D Type Flip Flop	.35	.29
4LS75	16	Quad Latch	.39	.35
4LS83	16	4-Bit Full Adder	.49	.45
4LS85	16	4-Bit Magnitude Comparator	.49	.45
4LS86	14	Quad 2-Input Exclusive OR Gate	.35	.29
4LS90	14	Decade Counter	.49	.45
4LS93	14	4-Bit Binary Counter	.39	.35
4LS95	14	4-Bit Parallel-Access Shift Register	.49	.45
4LS107	14	Dual JK Master-Slave Flip FLop	.39	.35
4LS109	16	Dual JK Positive Edge Flip Flop	.39	.35
4LS112	16	Dual JK Negative Edge Flip Flop	.39	.35
4LS122	14	Retriggerable Mono Multivibrator	.45	.39
4LS123	16	Dual Mono Multivibrator W/Clear	.49	.45
4LS124	16	Dual Voltage Ctrl Oscillator	.39	.35
4LS125	14	Tri-State Quad Buffer	.39	.35
4LS126	14	Quad Buffer Tri-State	.39	.35
4LS132	14	Quad 2-Input NAND Schmitt Trigger	.39	.35
4LS133	16	13-Input NAND Gate	.49	.45
4LS136	14	Quad XOR Gate	.39	.35
4LS138	16	Expandable 3/8 Decoder	.39	.35
4LS139	16	Expandable Dual 2/4 Decoder	.39	.35
4LS145	16	BCD-To-Decimal Decoder/Driver	.59	.49
4LS148	16	8-To-3 Line Priority Encoder	.79	.69
4LS151	16	8-Input Multiplexer	.39	.35
4LS153	16	Dual 4-Input Multiplexer	.39	.35
4LS154	24	4-16 Decoder	1.29	1.19
4LS155	16	Dual 2/4 Demultiplexer	.49	.45
4LS156	16	Dual 2/4 Demultiplexer (Open Col)	.49	.45
4LS157	16	Quad 2/1 Multiplexer	.49	.45
4LS158	16	Quad 2/1 Multiplexer	.29	.25
4LS160	16	Presettable Decade Counter	.39	.35
4LS161	16	Presettable Binary Counter	.39	.35
4LS163	16	Presettable Binary Counter	.49	.45
4LS164	14	8-Bit Shift Register	.49	.45
4LS165	16	Parallel Load 8-Bit Serial	.55	.49
4LS166	16	8-Bit Shift Register	.59	.49
4LS169	16	Synch. Binary Up/Dn Counter	.89	.79
4LS173	16	Quad D Register Tri-State	.39	.35
4LS174	16	Hex D Flip Flop with Clear	.39	.35
4LS175	16	Quad D Flip Flop	.39	.35
4LS181	24	Arithmetic Logic Unit	1.39	1.25
4LS191	16	Up/Dn Binary Counter	.59	.49
4LS192	16	4-Bit Up/Dn BCD Counter	.59	.55
4LS193	16	4-Bit Up/Dn Binary Counter	.59	.55
4LS194	16	4-Bit Bi-Directional Univ. Shift Register	.55	.49
4LS221	16	Dual Monostable Multivibrator	.59	.55
4LS240	20	Octal Inverting Bus/Line Driver	.49	.42
4LS241	20	Octal Bus/Line Driver	.59	.55
4LS242	14	Quad Transceiver/Non-inverting	.34	.29
74LS243	14	Tri-State Quad Transceiver	.59	.55
74LS244	20	Octal Driver Non-Inverting Tri-State	.59	.55
74LS245	20	Octal Bus Transceiver Non-Inverting	.59	.55
74LS251	16	Tri-State 8-Channel Multiplexer	.49	.45
74LS257	16	Quad 2-Input Multiplexer Tri-State	.39	.35
74LS258	16	Quad 2/1 Multiplexer	.39	.35
74LS259	16	8-Bit Addressable Latch	.55	.49
74LS260	14	Dual 5-Input NOR Gate	.49	.45
74LS266	14	Quad XNOR Gate	.39	.35
74LS273	20	8-Bit D Type Register	.69	.59
74LS279	16	Quad Set-Reset Latches	.39	.35
74LS280	14	9-Bit Odd/Even Parity Gen/Checker	.59	.49
74LS283	16	4-Bit Full Adder	.59	.49
74LS299	20	8-Bit Universal Shift/Storage Register	1.39	1.25
74LS322	20	8-Bit Serial/Parallel Register	1.39	1.25
74LS323	20	8-Bit Universal Shift/Storage Register	1.39	1.25
74LS365	16	Hex Buffer Tri-State	.39	.35
74LS367	16	Hex Buffer Tri-State	.39	.35
74LS368	16	Hex Buffer Tri-State	.39	.35
74LS373	20	Octal Transparent Latch	.65	.55
74LS374	20	Octal Dual Flip Flop Tri-State	.65	.55
74LS377	20	Octal D Register Common Enable	.65	.55
74LS390	16	Dual 4-Bit Binary Counter	.79	.69
74LS393	14	Dual 4-Bit Binary Counter	.65	.59
74LS540	20	Octal Buffer/Line Driver	.89	.79
74LS541	20	Octal Buffer/Line Driver	.89	.79
74LS590	16	8-Bit with Output Registers	3.95	3.75
74LS612	40	Memory Mapper	2.95	2.75
74LS620	18	IC	.89	.79
74LS629	16	Dual VLTG Controlled Oscillator	1.75	1.49
74LS640	20	Octal Bus Transceiver-Inverting	.89	.79
74LS645	20	Octal Bus Transceiver-True	.89	.79
74LS646	24	Octal Bus Transceiver/Register	1.99	1.75
74LS670	16	4x4 Register File Tri-State	.59	.49

7400 SERIES IC'S

PART#	#PINS	DESCRIPTION	1-99	100-UP
7400	14	Quad 2-input NAND Gates	$ .35	$ .29
7402	14	Quad 2-input NOR Gates	.39	.35
7404	14	Hex Inverters	.35	.29
7406	14	Hex Inverter Buffer/Driver	.39	.35
7408	14	Quad 2-input AND Gates	.39	.35
7410	14	Triple 3-input NAND Gates	.35	.29
7411	14	Triple 3-input AND Gates	.39	.35
7414	14	Hex Inverter Schmitt Triggers	.35	.31
7416	14	Hex Inverter Buffer/Driver	.35	.29
7417	14	Hex Buffer/Driver	.35	.29
7420	14	Dual 4-input NAND Gates	.35	.29
7423	16	Dual 4-input NOR Gate with Strobe	.29	.27
7430	14	8-input NAND Gates	.29	.25
7438	14	Quad 2-input NAND Buffers O/C outputs	.35	.29
7440	14	Dual 4-input NAND Buffers	.39	.35
7445	16	BCD-to-Decimal Decoder/Driver	.89	.79
7446	16	BCD-to-7 Segment Decoder/Driver	1.29	1.19
7447	16	BCD-to-7 Segment Decoder/Driver	.99	—
7473	14	Dual JK Flip-Flop with Clear	.69	.59
7474	14	Dual D Type Flip-Flop with preset & clear	.39	.35
7475	16	4-Bit Bistable Latch	.49	.45
7483	16	4-Bit Full Adder	.79	.69
7485	16	4-Bit Magnitude Comparator	.59	.49
7486	14	Quad 2-input XOR Gate	.49	.45
7490	14	Decade Counter	.79	.69
7493	14	4-Bit Binary Ripple Counter	.59	.49
7495	14	4-Bit Shift register	.49	.45
74123	16	Dual Retriggerable MS Multivibrator	.59	.49
74125	14	Quad 3-state buffer	.49	.45
74145	16	BCD-to-Decimal Decoder/Driver	.79	.69
74150	24	16-input multiplexer	1.59	1.39
74151	16	8-input multiplexer	.59	.55

74HCT SERIES IC'S

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74HCT00	14	Quad 2-input NAND Gates	$ .29	$ .25
74HCT02	14	Quad 2-input NOR Gates	.29	.25
74HCT04	14	Hex Inverters	.29	.25
74HCT05	14	Hex Inverters (O.C.)	.76	.69
74HCT08	14	Quad 2-input AND Gates	.29	.25
74HCT14	14	Hex Schmitt Trigger	.39	.35
74HCT32	14	Quad 2-input OR Gates	.29	.25
74HCT74	14	Dual D Type Flip-Flop w/preset & clear	.39	.35
74HCT86	14	Quad 2-input XOR Gate	.39	.35
74HCT125	14	Quad Buffer 3-State	.59	.55
74HCT138	16	1 of 8 Decoder/Demultiplex	.49	.45
74HCT139	16	Dual 2/4 Line decoder/Demultiplex	.49	.45
74HCT151	16	8-input Multiplexer	.49	.45
74HCT157	16	Quad 2-input Select/Mux Non-Inverting	.49	.45
74HCT161	16	4-Bit Binary Counter	.49	.45
74HCT240	20	Octal Inverter Buffer 3-State	.69	.59
74HCT244	20	Octal Buffer 3-State	.69	.59
74HCT245	20	Octal Transceiver 3-State	.69	.59
74HCT373	20	Octal Transparent Latch	.69	.59
74HCT574	20	Octal D Type Flip-Flop	.75	.65
74HCT597	16	HCT CMOS	1.65	1.55

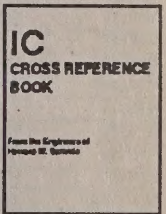
74F SERIES IC'S

PART#	#PINS	DESCRIPTION	1-99	100-UP
74F00	14	Quad 2-input NAND Gates	$ .35	$ .32
74F04	14	Hex Inverters	.39	.35
74F08	14	Quad 2-input AND Gates	.39	.35
74F32	14	Quad 2-input OR Gates	.39	.35
74F74	14	Dual D Type Flip-Flop w/Preset & Clear	.39	.35
74F86	14	Quad 2-input XOR Gate	.49	.45
74F157	16	Quad 2-input Select/mux non-inverting	.69	.65
74F175	16	Quad D Flip-Flop	.75	.65
74F244	20	Octal Buffer 3-State	.89	.79
74F373	20	Octal Transparent Latch	.69	.65
74F399	16	Quad 2-port Register	.99	.89

74HC SERIES IC'S

PART#	#PINS	DESCRIPTION	1-99	100-UP
74HC04	14	Hex Inverters	$ .29	$ .27
74HC14	14	Hex Inverter Schmitt Triggers	.39	.36
74HC20	14	Dual 4-input NAND Gates	.29	.27
74HC30	14	8-input NAND Gates	.29	.25
74HC58	14	74HC High Speed CMOS	.58	.52
74HC74	14	Dual D-Type Flip-Flop with preset & clear	.35	.32
74HC138	14	3 to 8 Line Decoder	.45	.41
74HC152	14	1/8 Data Sel/Multi	.69	.59
74HC153	16	Dual 4-1 Multiplexer	.49	.45
74HC163	16	4-Bit Binary Counter	.49	.45
74HC245	20	Octal Transceiver 3-State	.69	.64
74HC373	20	Octal Transparent Latch	.65	.59
74HC4538	16	Dual Monostable Multivibrator	.89	.85

IC CROSS REFERENCE BOOK



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NTE74LS629	IC TTL LO Pwr Oscillator 16	5.05
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NTE85	T NPN SI Gen Purp Amp	.94
NTE87	T NPN SI-HI Pwr Audio Amp	8.25
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NTE94	T NPN HV Gen Purp Amp	4.70
NTE100	T PNP GE RF/IF Amp	3.12
NTE102	T PNP GE AF Preamp DR PO	3.29
NTE102A	T PNP GE AF Preamp DR PO	1.84
NTE103	T NPN GE AF Preamp DR PO	3.98
NTE103A	T NPN GE AF Preamp DR PO	1.59
NTE104	T PNP GE AF PO	12.90
NTE105	T PNP GE AF PO	15.68
NTE107	T NPN SI RF/IF Amp	1.60
NTE108	T NPN SI RF/IF/VID Amp	1.64
NTE109	D GE Gen Purp 75PRV	.65
NTE110MP	D GE Matched Pair	.83
NTE112	D SI UHF TV, MXR	1.57
NTE116	R SI 600V, 1A	.66
NTE121	T PNP GE AF PO	14.97
NTE123	T NPN SI AF Preamp, DR	.99
NTE123A	T NPN SI AF/RF Amp	.89
NTE123AP	T NPN SI AF/RF Amp	.89
NTE124	T NPN SI HIV AF PO	3.01
NTE125	R-SI 1000V, 2, 5A	.79
NTE126	T PNP GE RF/IF Amp	4.83
NTE127	T PNP GE DEFL/Amp	35.40
NTE128	SI AF Preamp/ DR	1.95
NTE128P	T NPN SI Gen Purp Amp	1.40
NTE129	T PNP SI AF Output	1.98
NTE130	T NPN SI AF PO	2.99
NTE132	RF Amp MXR VHF	.98
NTE133	FET AF Amp, Switch	.98
NTE134A	Zener Diode 3.6V 1W	.92
NTE135A	Zener Diode 5.1V 1W	.92
NTE136A	Zener Diode 5.6V 1W	.92
NTE139A	Zener Diode 9.1V 1W	.92
NTE140A	Zener Diode 10V 1W	.92
NTE142A	Zener Diode 12.0V 1W	.92
NTE144A	Zener Diode 14V 1W	.92
NTE145A	Zener Diode 15V 1W	.92
NTE150A	Zener Diode 82V 1W	.92
NTE152	T NPN SI AF PO	2.29
NTE153	T PNP SI AF PO	2.59
NTE157	T NPN SI HIV AF PO	1.99
NTE158	T PNP GE AF PO	2.05
NTE159	T PNP SI AF Preamp, DR	1.64
NTE159M	T PNP SI Low Noise Amp	.84
NTE160	T PNP GE RF/IE Amp	2.80
NTE161	T NPN SI VID IF Amp	2.55
NTE162	T NPN SI VERT DEFL	9.00
NTE165	T NPN SI Horiz Deflection	9.99
NTE168	Bridge SI 400V 2A	2.62
NTE171	T NPN SI AF/VID Amp	2.86
NTE172A	T NPN AF SW SI DARL Amp	.90
NTE175	T NPN SI AF PO	3.00
NTE176	T PNP GE AF PO	4.66
NTE177	D SI Gen Purp DET 200 PRU	.99
NTE179	T PNP GE-AF Amp	19.73
NTE180	T PNP SI AF Amp	6.99
NTE181	T NPN SI AF Amp	7.50
NTE182	T NPN SI AF PO	11.86
NTE184	T NPN SI AF PO	1.99
NTE185	T PNP SI AF PO	2.49
NTE186	T NPN SI AF PO	2.39
NTE186A	T NPN SI AF PO/CB DR	2.39
NTE187	T PNP SI AF PO	2.50
NTE187A	T PNP SI AF PO	2.50
NTE188	T NPN HI Vltg Amp Driver	2.40
NTE189	T PNP SI AF DR, PO	2.60
NTE190	T NPN SI AF PO Horiz DR	3.10
NTE191	T NPN SI HIV AF/VID Amp	2.99
NTE192	T NPN SI AF PO	1.99
NTE192A	T NPN SI AF PO	1.80
NTE194	T NPN SI HIV Gen Purp	1.05
NTE196	T NPN SI AF PO	2.99
NTE197	T PNP SI AF PO	2.72
NTE198	T NPN SI HIV AF SW	3.20
NTE199	T NPN SI LO Noise	.89
NTE210	T NPN SI AF PO SW	2.15
NTE211	T PNP SI AF PO SW	2.50
NTE218	T PNP SI AF PO	5.25
NTE219	T PNP SI AF PO, SW	6.49
NTE221	Mosfet N CH VHF Amp/Mix	2.99
NTE222	Mosfet N CH VHF Amp/Mix	3.90
NTE229	T NPN SI VHF OSC/MXR	1.29
NTE230	SCR Horiz DEFL Switching	13.49
NTE232	T PNP SI DARL Amp	1.04
NTE234	T PNP SI AF Preamp	1.00
NTE235	T NPN SI VHF PO	6.70
NTE236	T NPN SI VHF PO	10.40
NTE238	T NPN SI-Horiz DEFL	15.75
NTE240	T PNP SI HV Amp	4.45
NTE243	T NPN Darl V 8A	3.36
NTE244	T PNP Darl 80V HFE 300	3.95
NTE247	T NPN Darl 100V HFE3500	5.25
NTE248	T PNP Darl 100V HFE3500	6.42
NTE249	T NPN Darl 100V HFE3500	8.38
NTE250	T PNP Darl 100V HFE3500	8.50
NTE251	T NPN Darl 100V HFE2400	8.38
NTE252	T PNP Darl 100V HFE2400	8.50
NTE253	T NPN Darl 80V HFE2000	1.99
NTE254	T PNP Darl 80V HFE2000	2.41
NTE261	T NPN Darl 80V HFE1000	1.95
NTE262	T PNP Darl 80V HFE1000	2.55
NTE263	T NPN Darl 80V HFE1000	2.40
NTE264	T PNP Darl 80V HFE1000	2.93
NTE265	T NPN Darl 50V HFE10000	1.38
NTE266	T NPN Darl 50V HFE40000	1.74
NTE268	T NPN Darl 50V HFE1000	1.55
NTE270	T NPN SI Darlington	5.44
NTE271	T PNP Darl 100V HFE1000	5.75
NTE272	T NPN Darl 40V HFE25000	1.6
NTE276	SCR Gate Control Switch	18.4
NTE278	T NPN SI Broadband RF Amp	3.2
NTE280	T NPN SI AF PO PD 100W	6.3
NTE281	T PNP SI AF PO PD 100W	8.2
NTE284	T NPN SI AF PO PD 150W	9.9
NTE285	T PNP SI AF PO PD 150W	10.9
NTE287	T NPN SI Hiv Gen Purp Amp	.9
NTE288	T PNP SI Hiv Gen Purp Amp	.9
NTE289	T NPN SI AF Power Amp	1.2
NTE289A	T NPN SI AF PO PD 0.6W	1.3
NTE290	T PNP SI AF Power Amp	1.1
NTE290A	T PNP SI AF PO PD 0.6W	1.3
NTE291	T NPN SI PO & SW PD 40W	2.9
NTE292	T PNP SI PO & SW PD 40W	3.2
NTE293	T NPN SI AF PO PD .75W	1.4
NTE294	T PNP SI AF PO PD .75W	1.6
NTE295	T NPN SI RF PO DR, CB	3.2
NTE297	T NPN SI AF PO PD 75W	1.6
NTE298	T NPN SI AF PO PD .75W	1.5
NTE311	T NPN PD 5W	2.6
NTE312	JFET N CH VHF Amp/MIX	1.3
NTE314	SCR SI P GATE Pwr Reg/SW	9.8
NTE315	T NPN SI RF DR CB	2.7
NTE316	T NPN SIL LO Noise UHF	3.3
NTE323	T PNP SI AF Pwr Amp	4.3
NTE324	T NPN SI AF Pwr Amp	4.5
NTE326	JFFT P CH Gen Purp AF Amp	1.7
NTE327	T NPN SI Pwr Amp SW	19.5
NTE331	T NPN SI AF PO Reg SW	2.9
NTE332	T PNP SI AF PO Reg SW	2.6
NTE340	T NPN SI RF PO DR 600MW	3.4
NTE341	T NPN SI RF PO 4W	9.0
NTE345	T NPN SI RF PO 30W	27.5
NTE346	T NPN SI RF DR 7 PreDR	3.0
NTE350	T NPN SF RF Pwr Output 15W	19.7
NTE373	T NPN SI AF Driver	1.8
NTE374	T PNP SI-AF Driver	2.0
NTE375	T NPN SI Vert Defl	2.6
NTE376	T NPN SI Pwr Amp	3.4
NTE377	T NPN SI Pwr Driver, PO	2.8
NTE378	T PNP SI Pwr Driver PO	3.0
NTE379	T NPN SI-HV HI-SP, Pwr SW	6.9
NTE382	T NPN SI-AF Driver	2.0
NTE383	T PNP SI-AF Driver	2.1
NTE384	T NPN SI SW Linear APP	6.2
NTE385	T NPN SI HV HI-Speed SW	8.6
NTE386	T NPN SI HV HI-Speed SW	18.1
NTE388	T NPN SI HI Pwr AF	6.9
NTE389	T NPN SI Horiz Output	6.5
NTE390	T NPN SI Pwr Amp	3.0
NTE391	T PNP SI Pwr Amp	4.2
NTE392	T NPN SI Pwr Amp	5.7
NTE393	T PNP SI Pwr Amp	6.0
NTE395	T PNP SI Wide Band Amp	3.4
NTE396	T NPN SI Linear Amp & SW	3.0
NTE397	T PNP SI linear Amp & SW	3.1
NTE398	T PNP SI-VERT Output	2.9
NTE399	T NPN SI-Video Output	3.0
NTE451	JFET N CH UHF/VHF Amp	1.5
NTE452	JFET N CH UHF/VHF Amp	2.3
NTE454	Mosfet Dual Gate N-CH	2.5
NTE455	Mosfet Dual Gate N-CH	2.7
NTE456	JFET N CH Gen Amp/SW	1.7
NTE457	JFET N CH Gen Purp Amp/SW	1.3
NTE458	JFET N CH Gen Purp Amp	1.4
NTE459	JFET N CH AF Amp/Chop/SW	2.1
NTE466	JFET N CH Chopper/SW	1.9
NTE467	JFET N CH Chopper/Fast SW	1.3
NTE468	JFET N CH Chopper/SW	1.4
NTE488	T NPN SI RF DR & PO 4W	11.4
NTE490	Mosfet N CH HI-Speed TO-92	.8

E506	R SI HI Cur/Fast Switch	1.78
E519	D SI Fast Switching	.99
E524V13	30VRMS 340V MOV	2.90
E525	D SI Damper 2000 PRV	3.36
E542	R SI Micro Oven 15KV	10.15
E552	R SI 600 PRV 1A	1.26
E553	D Pin UHF/VHF Switch	.88
E555	D Pin VHF Band SW	1.75
E558	R SI 1500V 1A	2.17
E576	R SI Gen Purp Super Fast SW	2.21
E580	R SI 600V 3A Fast REC	2.30
E581	R SI 400V 8A Fast REC	2.80
E583	D-SI Schottky RF SW	2.00
E585	D Schottky 40V 1A	1.17
E586	D Schottky 40V 3A	1.85
E587	D SI 200V 1A Ultra Fast	1.13
E588	D ST 200V 3A Ultra Fast	1.60
E597	R SI 200V 8A Ultra Fast	1.79
E612	Varactor 12pF @ 4V	2.07
E613	Varactor 22pf @ 4V	2.07
E614	Varactor 33pF @ 4V	2.07
E615P	IC Vltg Reg 33V	1.26
E618	D AM Radio Tuning Diode	2.50
E703	IC RF/IF Amp Epoxy	2.57
E712	IC TV Sound IF Amplifier	3.79
E725	IC Dual LO Noise OP Amp	7.57
E740A	IC AF PO 2W	6.00
E743	IC TTL, STR Demod PLL 16 Pin D	10.65
E746	IC Linear IF Amplifier	3.40
E747	IC TV VID DET	3.75
E778A	IC Dual OP Amp, 8 Pin Dip	3.65
E797	IC TV Chroma Processor	6.10
E815	IC TV Horiz Processor	3.05
E821	IC TV Chroma Demod	4.90
E822	IC TV Chroma Demod	9.30
E824	IC Stereo Preamp	2.30
E832	IC Tone Decoder	3.90
E834	IC Quad Comparator	2.42
E836	IC TV Horiz Processor	2.92
E857M	IC JFET Input OP Amp	3.75
E858M	IC Dual JFET Input OP Amp	3.40
E859	IC Quad JFET Input OP Amp	3.65
E860	IC IF Amp 18 Pin Sip	5.35
E864	IC Precision Wave Gen	7.25
E876	IC LED Flasher Oscillator	2.40
E887M	IC Low Pwr JFET OP Amp	1.36
E904	IC LINEAR, Gen Purp Transistor	3.55
E909	IC HI Performance OP Amp	1.89
E912	IC 3 Isolated Trans	4.80
E916	IC Transistor Array	4.50
E922M	IC Voltage Comparator	2.20
E923	IC Precision VR 10 Lead	1.75
E923D	IC Precision VR 14 Lead	1.41
E927D	IC Differential Video Amp	2.30
E928M	IC Dual Low Pwr OP Amp	3.13
E930	IC BI MOS OP Amp	5.04
E931	IC POS VR 5V 3A	12.45
E932	IC POS VR 5V 5A	15.20
E933	IC POS VR 12V 5A	22.50
E935	IC POS VR 1.2-32V 5A	14.40
E937M	IC JFET Input OP Amp	2.77
E938M	IC Precision OP Amp	1.90
E941	IC Freq Comp OP Amp	1.89
E941M	IC Freq-Comp OP Amp	.90
E943M	IC Dual Comparator 8P Dip	3.65
E953	IC POS ADJ VR 5-30V	4.59
E955M	IC Timer/Oscillator	1.68
E955MC	IC CMOS Timer	1.44
E956	IC POS VR 1.2-37V 1.5A	3.00
E957	IC NEG VR 1.2-37V 1.5A	3.52
E958	IC POS VR 18V 1A	4.12
E960	IC POS VR 5V 1A	3.50

NTE964	IC POS VR 8V 1A	3.35
NTE965	IC NEG Vltg REG 8V 1A	3.56
NTE966	IC POS VR 12V 1A	2.99
NTE967	IC NEG VR 12V 1A	5.15
NTE968	IC POS VR 15V 1A	3.60
NTE969	IC NEG VR 15V 1A	5.15
NTE970	IC POS VR 1.2-33V 3A	10.75
NTE972	IC POS VR 24V 1A	3.55
NTE975	IC OP Amp	2.38
NTE977	IC POS VR 5V 100mA	1.65
NTE987	IC Quad OP Amp	2.30
NTE990	IC Dual AF PO 2W CHAN	6.72
NTE992	IC 4 Independent Amps	2.60
NTE997	IC Quad OP Amp	3.50
NTE1080	IC TV VID SIG PROC	8.80
NTE1115	IC AF Pwr Output	8.59
NTE1117	IC AF Pwr Output	6.25
NTE1140	IC AF PO 2W	9.45
NTE1155	IC AF PO 5.8W	10.82
NTE1164	IC Video Jungle CIR 16 Pin Dip	10.53
NTE1219	IC Dual AF PO 15W/Channel	20.86
NTE1231	IC TV Sound IF AF PO	5.38
NTE1231A	IC TV Sound IF AF PO	5.38
NTE1278	IC AF PO 5.8W	6.11
NTE1282	MOD AF PO 35W	12.35
NTE1287	IC Linear Audio Pwr Amp 20W	9.99
NTE1288	IC AF PO 10W	7.04
NTE1289	IC TV VET Defl System	11.07
NTE1316	IC AF PWR Output 50W	40.17
NTE1322	MOD AF PO 80W	25.41
NTE1370	IC AF PO 5.8W	6.78
NTE1374	IC 12W Audio Amplifier	10.45
NTE1380	IC AF PO 14W	13.56
NTE1410	IC Video SIG Processor	11.90
NTE1416	IC Luminance Amp	9.99
NTE1423	IC AF Pwr Output 5.7W	3.99
NTE1465	IC AF PO	2.38
NTE1485	IC TV Vert Deflection Output	10.30
NTE1546	IC TV Vltg REG 130V	12.17
NTE1635	Speaker PROT & Pwr Amp	3.31
NTE1671	IC Vid/Chroma DEMOD, DR	12.89
NTE1674	IC TV Vert Defl Output	3.30
NTE1675	IC Linear Dual AF Pwr Amp	4.17
NTE1676	IC TV VERT Deflection CKT	4.58
NTE1716	IC VCR REV Motor Driver	4.99
NTE1720	IC PWM Regulator	4.47
NTE1721	IC PWM Regulator (+) Output, 16	5.72
NTE1729	IC PWM Control CKT	4.00
NTE1741	IC Vltg REG 125V 1A	12.99
NTE1743	IC Vltg REG 135V 1A	12.99
NTE1751	IC TV SCR Driver	6.09
NTE1773	IC Linear Vertical	3.14
NTE1776	TV Fixed Voltage Regulator	11.90
NTE1784	IC Horiz Processor 16 Pin Dip	5.19
NTE1792	IC Dual Attenuator 9 Pin Sip	3.98
NTE1797	IC Color TV VERT DEF CKT	4.35
NTE1823	Module 4 OP Vltg Reg For VCR	15.44
NTE1844	IC Motor Speed Reg	1.78
NTE1846	IC TV Signal PROC 52 Pin Dip	20.57
NTE1870	IC TV Switch REG 15 Pin Sip	10.42
NTE1900	IC Vltg REG POS ADJ	1.88
NTE1902	IC Vltg REG 9V Positive	1.73
NTE1905	IC Voltage REG 15V 100mA	1.90
NTE1914	IC Vltg REG POS 12V	7.21
NTE1928	IC POS ADJ Vltg REG 40V	2.28
NTE1932	IC VLTG REG POS 10V 1A	4.05
NTE2013	IC 7 Chan CMOS/TTL DR	4.44
NTE2014	IC 7 Chan CMOS/PMOS DR	3.90
NTE2018	IC 8 Chan CMOS/TTLD 18 Pin	3.51
NTE2019	IC 8 Chan CMOS/PMOS DR	3.15
NTE2053	IC CMOS 8 Bit	11.40
NTE2056	IC 8 Bit Mult D/A Converter	2.52

NTE2128	IC MOS 16K SRAM	13.10
NTE2300	T NPN SI High Voltage	6.99
NTE2301	T NPN SI Horiz Deflection	5.40
NTE2302	T NPN SI Horiz Output	6.10
NTE2305	T NPN SI Pwr Amp TO-218	4.95
NTE2308	T NPN SI High Vltg SW	7.00
NTE2310	T NPN SI High Vltg	8.25
NTE2311	T NPN SI High Vltg SW	15.15
NTE2312	T NPN SI High Vltg Switch	4.92
NTE2315	T NPN SI Darlington	5.50
NTE2317	T NPN SI High Voltage	7.07
NTE2318	T NPN SI High Vltg Switch	8.42
NTE2319	T NPN SI High Vltg/SPD SW	11.99
NTE2321	T NPN SI Quad Gen Purp	3.30
NTE2324	T NPN SI Horiz Output	9.10
NTE2325	T NPN SI High Vltg Switch	2.61
NTE2328	T NPN SI Audio Pwr Amp	5.99
NTE2329	T PNP SI Audio Power Amp	5.61
NTE2331	T NPN SI Color TV Horiz Defl	6.98
NTE2334	T NPN SI Darlington	1.65
NTE2337	T NPN SI High Vltg High Speed	5.30
NTE2344	T PNP SI Darl Power Amp	2.20
NTE2349	T NPN SI Darlington Hi Pwr	14.95
NTE2383	Mosfet Pwr P-CH, HI Speed	9.35
NTE2385	Mosfet N Channel HI Speed	6.56
NTE2387	Mosfet N CH POW HI Speed	7.98
NTE2388	Power Mosfet N Channel	6.99
NTE2389	Mosfet Pwr N CH HI Speed SW	4.36
NTE2393	Mosfet N Channel POW HI Speed	8.43
NTE2395	Mosfet Pwr N CH HI Speed SW	5.99
NTE2716	IC NMOS 16K UV EPROM	13.75
NTE3038	NPN Photo/Light Detector	1.39
NTE3040	Opto Isolator/Trans	1.71
NTE3041	Opto Isolator/Trans	1.89
NTE3042	Opto Isolator/Trans	1.57
NTE3044	Opto Isolator/Darl	2.14
NTE3047	Opto Isolator/Triac	2.72
NTE3048	Opto Coupler / Triac	3.93
NTE3052	LED Display COM Anode Red	2.72
NTE3061	LED Display COM Ahode Red	2.70
NTE3083	Opto Isolator/Trans	2.32
NTE3084	Opto Isolator/Trans	2.29
NTE3091	Opto Isolator/SCR Output	3.95
NTE3097	Opto Coupler / Triac	5.25
NTE3098	Opto Isolator/Trans O/P	2.30
NTE4001B	IC CMOS Quad 2-Input NOR Gate	.73
NTE4011B	IC CMOS Quad 2-Input NAND	1.01
NTE4013B	IC CMOS Dual D Flip-Flop	1.27
NTE4017B	IC CMOS Decode Counter W/10	3.55
NTE4020B	IC CMOS Binary Counter/Divid	3.76
NTE4040B	IC CMOS Binary/Ripp	3.76
NTE4051B	IC CMOS Multiplexer	4.10
NTE4066B	CMOS Quad Bi-Lateral SW	1.71
NTE4069	IC CMOS HEX Inverter	.82
NTE4071B	IC CMOS OR Gate	.91
NTE4081B	IC CMOS Quad 2 Input AND Gate	.73
NTE4093B	IC CMOS Quad-2 Input Trigger	1.12
NTE4511B	IC CMOS, BCD-to-7-SEG	3.65
NTE4541B	IC CMOS OSC/Timer	2.43
NTE4584B	IC CMOS Magnitude Comparator	2.93
NTE4902	Trans Supp 5.8V	3.62
NTE4926	Trans Supp 15.3V	2.59
NTE4989	Trans Supp BI DIR 190V	4.61
NTE5000A	Zener Diode 2.4V 1/2W	.79
NTE5004A	Zener Diode 3V 1/2W	.79
NTE5013A	Zener Diode 6.2V 1/2W	.79
NTE5014A	Zener Diode 6.8V 1/2W	.79
NTE5021A	Zener Diode 12V 1/2W	1.78
NTE5036A	Zener Diode 33V 1/2W	.79
NTE5065A	Zener Diode 3V 1W	.92
NTE5077A	Zener Diode 18V 1W	.92
NTE5084A	Zener Diode 30V 1W	.92

NTE5085A	Zener Diode 36V 1W	.92
NTE5087A	Zener Diode 43V 1W	.92
NTE5088A	Zener Diode 47V 1W	.92
NTE5093A	Zener Diode 75V 1W	.92
NTE5096A	Zener Diode 100V 1W	.92
NTE5100A	Zener Diode 150V 1 W	.92
NTE5105A	Zener Diode 200V 1W	.92
NTE5116A	Zener Diode 5.1V 5W	2.18
NTE5119A	Zener Diode 6.2V 5W	2.18
NTE5125A	Zener Diode 10V 5W	2.18
NTE5127A	Zener Diode 12V 5W	2.18
NTE5130A	Zener Diode 15V 5W	2.18
NTE5133A	Zener Diode 18V 5W	2.18
NTE5135A	Zener Diode 20V .5W	2.18
NTE5150A	Zener Diode 3.3V 5W	2.18
NTE5151A	Zener Diode 68V 5W	2.18
NTE5161A	Zener Diode 150V 5W	2.18
NTE5166A	Zener Diode 200V 5W	2.18
NTE5251A	Zener Diode 9.1V 50W DO-5	11.81
NTE5304	R-SI Bridge 400PRV 1.5A	1.73
NTE5312	R-SI Bridge 100PRV, 8A	2.99
NTE5315	R-SI Bridge 600V 8A	4.95
NTE5320	R-SI Bridge 1000V 4A	4.39
NTE5322	R-SI Bridge 200V 25A	5.75
NTE5351	SCR 600V 5A High Speed	8.32
NTE5400	SCR 30 VRM .8A	.86
NTE5401	SCR 60 VRM .8A	1.05
NTE5402	SCR 100 VRM, .8A	1.12
NTE5404	SCR 200 VRM, .8A	1.25
NTE5405	SCR 400 VRM .8A	2.32
NTE5409	SCR 400 VRM 3A	4.06
NTE5411	SCR 30 VRM 4A	1.14
NTE5418	SCR 400 VRM 10A	2.68
NTE5419	SCR 600 VRM 10A	3.18
NTE5424	SCR 400 4.7A High Speed	5.98
NTE5437	SCR 400 VRM 8A	2.28
NTE5452	SCR 30 VRM 4A	.96
NTE5455	SCR 200 VRM 4A	1.34
NTE5456	SCR 300 VRM 4A	1.96
NTE5457	SCR 400 VRM 4A	1.96
NTE5461	SCR 50 VRM 10A	2.05
NTE5462	SCR 100 VRM 10A	2.20
NTE5463	SCR 200 VRM 10A	2.60
NTE5466	SCR 600 VRM 10A	4.45
NTE5512	SCR 400 VRM 5A	5.61
NTE5515	SCR 400 VRM 20A 1/2" Press Fit	8.39
NTE5517	SCR 200 VRM 35A 1/2" Press Fit	7.13
NTE5522	SCR 100VRM 25A	6.77
NTE5527	SCR 400 VRM 25A	9.08
NTE5543	SCR 200 VRM 35A TO48	10.38
NTE5545	SCR 400 VRM 35A	9.95
NTE5547	SCR 600 VRM 35A	15.20
NTE5550	SCR 25A 50V TO220	3.63
NTE5552	SCR 25A 200V TO220	4.25
NTE5554	SCR 25A 400V TO220	6.00
NTE5603	Triac 200 VRM 4A	1.89
NTE5605	Triac 400 VRM 4A	3.25
NTE5608	Triac 400 VRM, IA, Gate	2.35
NTE5609	Triac 600 VRM 8A Gate	3.20
NTE5629	Triac 400 VRM 4A	2.02
NTE5633	Triac 200 VRM 10A	2.26
NTE5635	Triac 400 VRM 10A	3.40
NTE5637	Triac 600 VRM 10A	3.90
NTE5638	Triac 400 VRM 8A ISOL TAB	3.24
NTE5645	Triac 600 VRM 10A I TAB	3.92
NTE5655	Traic 200 VRM .8A	1.29
NTE5671	Triac 800V 16A ISOL	5.62
NTE5673	Triac 200 VRM 15A	8.78
NTE5679	Traic 600 VRM 40A	18.78
NTE5695	Triac 400 VRM 40A	10.50
NTE5697	Triac 600 VRM 40A	12.15
NTE5801	R 100 PRV 3A, Axial Lead	.76

NTE5804	R 400 PRV 3A Axial Lead	1.18
NTE5809	R 1000 PRV 3A Axial Lead	2.60
NTE5814	R-400 PRV 6A	1.79
NTE5817	R 1000 PRV 6A	3.70
NTE5882	R 600 PRV 12A Cath Case	4.30
NTE5883	R 600 PRV 12A Anode Case	4.30
NTE5912	R 50 PRV 20A Cath Case	2.99
NTE5921	R 400 PRV 20A Anode Case	4.60
NTE5924	R 600 PRV 20A Cath Case	6.60
NTE5925	R 600 PRV 20A Anode Case	6.60
NTE5962	R 400 PRV 25A Cath Case	3.60
NTE5963	R 400 PRV 25A Anode Case	3.60
NTE5986	R 200 PRV 40A Cath Case	4.25
NTE5994	R 600 PRV 40A Cath Case	7.15
NTE5995	R 600 PRV 40A Anode Case	7.15
NTE6002	R 1000 PRV .40A Cath Case	12.10
NTE6087	R Dual Schottky 45V 30A	5.85
NTE6090	R Dual Schottky 45V 30A	7.40
NTE6240	R Dual ST 200V 16A	4.15
NTE6359	R 1000 PRV 300A Anode Case	75.50
NTE6401	T Unijunction SI	5.99
NTE6402	T PROG Unijunction SI	1.54
NTE6403	Bilateral Switch SI 1A	6.99
NTE6404	Unilateral Switch SI 1A	9.46
NTE6405	Silicon Asymetrical SW	1.65
NTE6407	D Diac 28V 4V 2A	1.35
NTE6408	D Diac 32V +- 4V 2A	.99
NTE6409	T Unijunction SI	6.45
NTE6410	T Unijunction ST	4.63
NTE7000	IC 5W Audio Amp	3.00

NTE ELECTRONICS TECHNICAL MANUAL AND CROSS REFERENCE 7TH EDITION

This technical manual and cross reference contains over 3,800 NTE types able to replace over 252,000 industry part numbers including JEDEC, JAPANESE, EUROPEAN and many commercial and industrial house number types.

Types included are:

- Bipolar Transistors
- Diodes & Reflectors
- OptoElectronics
- Industrial Rectifiers
- Metal Oxide Varistors
- Field Effect Transistors
- Silicon Controlled Rectifiers
- Digital Integrated Circuits
- Triacs
- Zener Diodes
- Bridge Rectifiers
- Linear IC's

65-100..**$4.95**

NTE7002	IC Switchmode Contr 9 Pin	6.56
NTE7406	IC TTL HEX Invert	1.57
NTE7441	IC TTL Decoder Driver	3.96
NTE7447	IC TTL BCD Decoder Driver	2.59
NTE7474	IC TTL Dual D Flip Flop	1.09
NTE7476	IC TTL Dual JK Flip Flop	1.82
NTE7489	IC TTL Read/Write Memory 16P	11.64
NTE7490	IC TTL Decade Counter	1.53
NTE7492	IC TTL Counter	1.43
NTE8255	IC Program Periph Interface	12.25
NTE8374	IC Digital/Decoder/DR 16 PiN D	5.95
NTE9602	Dual Retrig Mono Multivibrator	3.58
NTE15021	IC Linear, TV Fixed Vltg Reg	7.55
NTE15034	Module AF Pwr Output 100W/C	37.27
NTE16004	T NPN SI HI Current Amp	1.90
NTE16005	T NPN SI HI Current Amp	1.86
NTE16006	T NPN SI AF Output Amp	.78
NTE40106B	IC CMOS HEX Schmitt Trigger	1.32
NTE40174B	IC CMOS Hex D Type Flip Flop	3.35
NTE56004	Triac 200 VRM 15A	3.80
NTE56006	Triac 400 VRM 15A	4.90
NTE56008	Triac 200 VRM 15A	5.65
NTE56014	Triac 400 VRM 25A	12.78
NTE56017	Triac 600 VRM 25A T0220	6.35
NTE56022	Triac 200 VRM 40A	13.33
NTE56024	Triac 400 VRM 40A	13.95
NTE74191	IC TTL Binary Sunch Cnt 16pin	4.15
NTE75188	IC DTL Quad Line Driver	2.03
NTE75189	IC TTL DTL Quad Line REC	2.14

QUICK CROSS

Instant access to over 253,000 semi and 34,00 relay cross references. Requires just over 2MB o your hard drive. Must be IBM PC compatible running on MS-DOS.

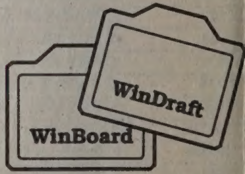
3.5" (720K) 4 disk set
80-260..**$8.75**

WINDOWS VERSION
3.5" (1.44M) 2 disk set
80-267..**$9.99**

5-1/4" (1.2M) 2 disk set
80-221..**$4.75**

WINBOARD AND WINDRAFT FOR WINDOWS

New



WinBoard has everything you need for high-speed circuits, analog designs and dense SMT boards. Add in point-and-click editing, powerful copper pour, routing and a library of over 700 module footprints - plus a graphical editor for customer jobs - and you can see why WinBoard is so hot.

WinDraft is the ideal front-end complement to WinBoard. In just minutes WinDraft can turn your PC into a electronics drafting table. You can do it all - from wiring and drawing to printing and finishing. And WinDraft makes your life even easier with a full graphical library editor, bill of materials (BOM), a clean-up tool and on-line help for troubleshooting.

The WD350 and WB350 include an 85 page getting started and tutorial manual for the programs.

WD01.......**WinDraft 200 pin version**......**$28.95**

WD350.....**WinDraft 350 pin version** **$94.95**

WB01.....**WinBoard 200 pin version**......**$28.95**

WB350...**WinBoard 350 pin version**......**$94.95**

FLAMEPROOF RESISTORS

1/4 WATT METAL FILM

4PK/ $ .90

Part#	Value in Ohms	Part#	Value in Ohms
QW010	10	QW210	1 K
QW012	12	QW212	1.2 K
QW015	15	QW218	1.8 K
QW018	18	QW222	2.2 K
QW022	22	QW227	2.7 K
QW027	27	QW233	3.3 K
QW033	33	QW239	3.9 K
QW039	39	QW247	4.7 K
QW047	47	QW256	5.6 K
QW056	56	QW268	6.8 K
QW068	68	QW282	8.2 K
QW082	82	QW310	10 K
QW110	100	QW318	18 K
QW112	120	QW327	27 K
QW118	180	QW333	33 K
QW122	220	QW347	47 K
QW127	270	QW356	56 K
QW133	330	QW368	68 K
QW139	390	QW382	82 K
QW147	470	QW410	100 K
QW156	560	QW412	120 K
QW168	680	QW422	220 K
QW182	820		

1/2 WATT METAL FILM

6PK/ $ .90

Part#	Value in Ohms	Part#	Value in Ohms
HW010	10	HW239	3.9 K
HW012	12	HW247	4.7 K
HW015	15	HW256	5.6 K
HW018	18	HW268	6.8 K
HW022	22	HW282	8.2 K
HW027	27	HW310	10 K
HW033	33	HW312	12 K
HW039	39	HW315	15 K
HW047	47	HW318	18 K
HW056	56	HW322	22 K
HW068	68	HW327	27 K
HW082	82	HW333	33 K
HW110	100	HW339	39 K
HW112	120	HW347	47 K
HW115	150	HW356	56 K
HW118	180	HW368	68 K
HW122	220	HW382	82 K
HW127	270	HW410	100 K
HW133	330	HW412	120 K
HW139	390	HW415	150 K
HW147	470	HW418	180 K
HW156	560	HW422	220 K
HW168	680	HW427	270 K
HW182	820	HW433	330 K
HW210	1 K	HW439	390 K
HW212	1.2 K	HW447	470 K
HW215	1.5 K	HW456	560 K
HW218	1.8 K	HW468	680 K
HW222	2.2 K	HW482	820 K
HW227	2.7 K	HW510	1 M
HW233	3.3 K		

1 WATT METAL FILM

4PK/ $ .90

Part#	Value in Ohms	Part#	Value in Ohms
1W047	47	1W318	18 K
1W110	100	1W322	22 K
1W115	150	1W327	27 K
1W122	220	1W333	33 K
1W133	330	1W339	39 K
1W147	470	1W347	47 K
1W156	560	1W356	56 K
1W210	1 K	1W368	68 K
1W212	1.2 K	1W410	100 K
1W215	1.5 K	1W412	120 K
1W222	2.2 K	1W422	220 K
1W239	3.9 K	1W427	270 K
1W247	4.7 K	1W447	470 K
1W310	10 K	1W510	1 M

2 WATT METAL FILM

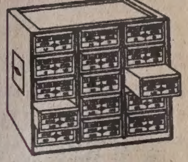
2PK/ $ .90

Part#	Value in Ohms	Part#	Value in Ohms
2W047	47	2W310	10 K
2W110	100	2W315	15 K
2W115	150	2W322	22 K
2W122	220	2W327	27 K
2W133	330	2W333	33 K
2W139	390	2W339	39 K
2W147	470	2W347	47 K
2W210	1 K	2W368	68 K
2W215	1.5 K	2W410	100 K
2W227	2.7 K	2W415	150 K
2W247	4.7 K	2W427	270 K
2W268	6.8 K	2W447	470 K
2W282	8.2 K	2W510	1 M

2% Metal Film Resistors will Replace Carbon Composition, Metal Film, Cermet Film, Wire Wound and Metal Glaze.

FULL LINE IS AVAILABLE CALL
888-264-6464
TOLL-FREE FOR PRICE QUOTE

RESISTOR KITS



Metal film 1/8-W resistors, 6 each

OHMS	10	220	1.5K	6.8K	33K
	22	330	1.8K	10K	47K
	47	390	2K	15K	100K
	100	470	2.2K	20K	220K
	120	680	3.3K	22K	330K
	150	1K	4.7K	27K	1M

RK-01................................each/**$35.99**

Metal film 1/4-W resistors, 4 each

OHMS	1	75	390	1.5K	8.2K
	10	100	470	2K	10K
	15	120	560	2.2K	22K
	22	150	680	2.7K	33K
	47	220	1K	3.3K	47K
	56	330	1.2K	4.7K	100K

RK-02................................each/**$28.69**

Metal film 1/2-W resistors, 6 each

OHMS	1	47	470	2.2K	22K
	1.5	100	560	3.3K	47K
	2.2	120	680	3.9K	100K
	10	150	1K	4.7K	220K
	22	220	1.5K	10K	470K
	33	330	1.8K	15K	1M

RK-03................................each/**$42.99**

Metal Oxide 1-W resistors, 4 each

OHMS	.22	4.7	68	470	4.7K
	.47	10	100	510	10K
	1	22	120	1K	47K
	1.5	24	150	1.5K	100K
	2	33	220	2K	220K
	2.2	47	330	2.2K	1M

RK-04................................each/**$42.99**

Metal Oxide 2-W resistors, 2 each

OHMS	.10	10	51	220	3.3K
	.22	15	100	470	5.6K
	.33	20	120	560	10K
	.47	22	130	680	18K
	1	30	150	1K	22K
	4.7	47	200	1.5K	100K

RK-05................................each/**$35.99**

Wire wound 5-W resistors, 2 each

OHMS	.10	1.5	5	22	150
	.22	2.2	5.1	27	220
	.27	2.7	6.8	33	270
	.33	3.3	8.2	39	1K
	.47	3.9	10	47	4.7K
	1	4.7	15	100	10K

RK-06................................each/**$37.49**

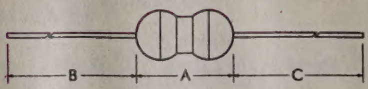
Wire wound 25-W resistors, 1 each

OHMS	1	3	8.2	39	220
	1.2	3.3	10	47	270
	1.5	3.9	15	75	470
	2	4.7	20	100	1K
	2.2	5.1	27	150	1.2K
	2.7	6.8	30	180	1.5K

RK-08................................each/**$35.99**

TΩ TRANS OHM 1% METAL FILM RESISTORS

AVAILABLE IN 1/8 WATT, 1/4 WATT, 1/2 WATT
FLAME RESISTANT
TABLE OF VALUES IN OHMS Ω



TO ORDER:
STATE WATTAGE
THEN OHMS
Example 1/8W 1.5M

Size	Price Each 200	1000
1/8 watt	$ .05	$ .035
1/4 watt	.03	.015
1/2 watt	.04	.028

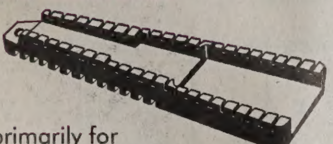
Sold in lots of 200 only

10	22	47	100	220	470	1K	2.2K	5.1K	12K	27K	56K	120K	270K	620K
11	24	51	110	240	510	1.1K	2.4K	5.6K	13K	30K	62K	130K	300K	680K
12	27	56	120	270	560	1.2K	2.7K	6.2K	15K	33K	68K	150K	330K	750K
13	30	62	130	300	620	1.3K	3K	6.8K	16K	36K	75K	160K	360K	820K
15	33	68	150	330	680	1.5K	3.3K	7.5K	18K	39K	82K	180K	390K	910K
16	36	75	160	360	750	1.6K	3.6K	8.2K	20K	43K	91K	200K	430K	1M
18	39	82	180	390	820	1.8K	3.9K	10K	22K	47K	100K	220K	470K	1.5M
20	43	91	200	430	910	2K	4.7K	11K	24K	51K	110K	240K	560K	2.2M

Watt Size	Dimension (in) A	B	C
1/8	.15	1.1	.06
1/4	.25	1.18	.09
1/2	.37	1.1	.15

Requirements	Operating Temp. Range	Temp. Coefficient	Temp. Cycling	Low Temp. Operation	Short Time Overload	Terminal Strength	Dielectric Withstanding	Insulation Resistance	Effect of Soldering	Load Life (70oC)	Moisture Resistance, (40oC)	Shock 50G, 11ms	Vibration 10-2000 Hz
Characteristics	-55oC to 155oC	±50ppm	±.5%	±.5%	±.5%	±.5%	±.5%	10^{10} Ω	±5%	±2%	±2%	±20%	±20%
Test Method MIL-R-10509F	-------	±50ppm	4.604	4.6.5	4.6.6	4.6.7	4.6.8	4.6.9	4.6.10	4.6.13	MIL-R-22684 4.6.10	-------	-------

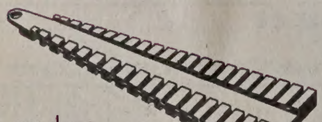
RESISTOR BENDER



Designed primarily for resistors from 1 watt, 5/8" body length to 2 watt, 11/16" - 1-1/4" body lengths. Eliminates scarring of leads. Made of high impact red cycolac plastic. Graduated in .05" increments.

47-145..**$2.49**

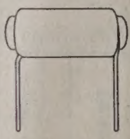
COMPONENT BENDER



Designed to produce perfect bends without scarring of component leads. Developed for resistors and diodes from 1/4 watt, 1/4" body length to 1/2 watt, 3/8" body length and other cylindrically shaped components with axial leads. Made of high impact red cycolac plastic. Graduated in .05" increments.

47-144..**$2.25**

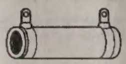
5μH 24 AMP FILTER INDUCTOR



Mfg. - DALE, #IH-15
1-1/4" x 5/8"
10% tolerance
Used for noise filtering.

18-139..**$3.99**

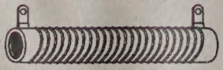
15 OHM 25 WATT



Mfg. - DALE, #HL-25-06Z
2" x 11/16" O.D. x 5/16" I.D.
Industrial power wirewound tubular resistor.
10% tolerance.

47-162..**$ .99**

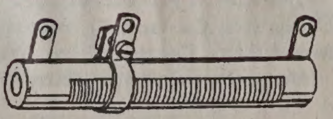
.4 OHM 50 WATT RESISTOR



7/8" dia x 4" L
.4 ohm 50 watt
Fixed tubular non-inductive resistor

47-150..**$1.99**

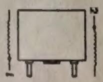
AUDIO TEST LOAD ADJUSTABLE RESISTOR



Mfg. - DALE
Mfg.# - HLA175-07Z-10-10
8-1/2" x 1-3/16" O.D. x 11/16" I.D.
10 ohm - 175 watt - 10% tolerance
Usable for either 4 or 8 ohm. Resistor includes slider lug. Wattage applies only when the entire resistance is in the circuit.

81-103..**$8.95**

DUAL CHOKE



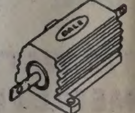
Mfg. - PULSE ENG, #PE-96180
1-5/8" dia. x 1" H
Rated 5A/250V/60Hz dual potted choke.
8.2 mH choke on either side. 4 pin.

18-129..**$ .49**

POWER RESISTORS

Aluminum housed, wire wound. Screw mounts on chassis.

10 WATT

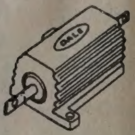


Mfg. - DALE, #RH-10
3/4" x 7/16" x 13/32"
2% tolerance

47-149............. .1 ohm.................**$ .99**
47-153............. .03 ohm...............**$ .99**

Mfg. - KELVIN
47-156............. .03 ohm...............**$ .99**

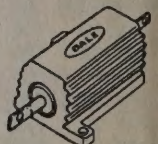
25 WATT



Mfg. - DALE, #RH-25
1-1/16" x 1/2" x 1/2"
1% tolerance

47-167............830 ohm...............**$ .75**

50 WATT

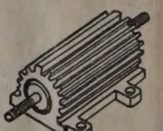


Mfg. - DALE, #RH50

1% tolerance
47-148................1 ohm..............**$2.99**

3% tolerance
47-159............... 2 ohm..............**$2.99**

120 WATT



Mfg. - DALE
1" long tapped studs in either end. With hardware.

47-146................1 ohm..............**$7.95**

RESISTORS

POWER RESISTORS WIREWOUND

10% or better, Material - sandstone

2 WATT - $ .17

2W-.39
2W-.47
2W-.56
2W-.68
2W-.82
2W-1
2W-1.5
2W-2.2
2W-3.2
2W-3.9
2W-8.2
2W-10
2W-12
2W-15
2W-22
2W-27
2W-39
2W-82
2W-100
2W-470
2W-560
2W-680
2W-1.5K

5 WATT - $ .19

5W-.1
5W-.27
5W-.47*
5W-1
5W-2.2
5W-8.2
5W-25
5W-36
5W-45
5W-50
5W-200
5W-330
5W-400
5W-470
5W-560
5W-600
5W-820
5W-1K
5W-1.1K
5W-2.2K
5W-3.9K
5W-4.7K
5W-5.6K
5W-8.2K
5W-10K

*1/2" leads

7 WATT - $ .27

7W-.1
7W-.25
7W-2.2
7W-2.7
7W-6.8
7W-18
7W-20
7W-22
7W-33
7W-39
7W-47
7W-56
7W-68
7W-100

10 WATT - $ .29

10W-.22
10W-.47
10W-1
10W-2
10W-3
10W-3.9
10W-24
10W-40
10W-82
10W-100
10W-250
10W-330
10W-470
10W-560
10W-700
10W-1K
10W-1.3K
10W-1.8K
10W-2.7K
10W-8.2K

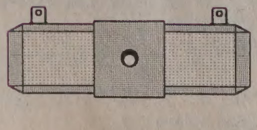
15 WATT - $ .45

15W-2.7
15W-10
15W-15
15W-18
15W-22
15W-39
15W-68
15W-100

25 WATT - $ .49

25W-1
25W-4.7
25W-10
25W-47
25W-56
25W-68
25W-390
25W-680
25W-820

5 OHM 30 WATT POWER RESISTOR

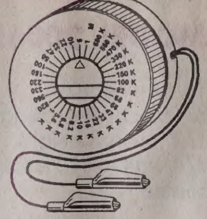


Mfg. - IRC
(PW-30)
10% tolerance

47-141....................................$ .50

RESISTANCE WHEEL

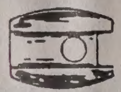
New



Mfg. - GC
2-5/8"dia x 5/8"
36 ranges from 5 ohm to 1 meg ohm, 1/4W, 100V max. Just rotate the dial to desired resistance and hook-up to your circuit with 12" long color coded alligator test leads. ±5% tolerance.

47-168....................................$19.95

EGG TYPE STRAIN INSULATOR



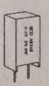
White glazed porcelain egg type strain insulator.

80-258....................................$ .49

POWER RESISTORS

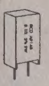
.1 ohm - 5 watt
10% tolerance

47-161.....7/16" x 5/8" x 3/16".....$ .19



.1 ohm - 5 watt
5% tolerance

47-155.......3/8" x 1/2" x 7/8"........$ .19



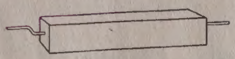
1.5 ohm - 3 watt
10% tolerance

47-164.........1/2" x 5/8" x 1".........$ .12

4.7 ohm - 5 watt
5% tolerance

47-152.....5/8" x 1/4" x 11/16"......$ .19

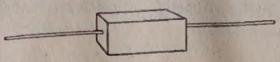
.1 OHM 10 WATT



Mfg. - DALE
.1 ohm, 10%
1/2" leads
Wirewound power resistor, sandstone

47-157....................................$ .26

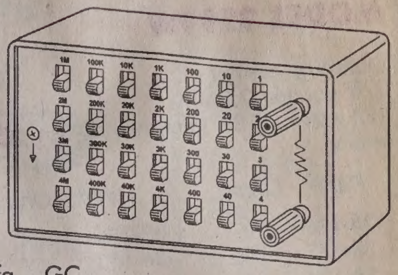
10K OHM 5 WATT



10K ohm
5 watt, 5%

47-166....................................$ .12

RESISTANCE DECADE BOX

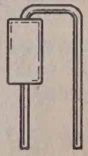


Mfg. - GC
6" x 3-5/8" x 2-1/8"
7 decade resistance selector with a range of over 11 meg ohms in 1 ohm increments. This eliminates the guess work in determining the appropriate resistance values. Output via two color coded binding post. Slide switches are used to change resistance values power 1/2 watt, ±1% tolerance.

New

47-169....................................$49.95

NOISE SUPPRESSION FERRITE INDUCTORS



Mfg. - MURATA ERIE
Mfg.# - BL02RN1-R62
.024" L x .132" OD x .0315" ID
Used for noise suppression in car radios and digital equipment. Operating temp 25°C to 85°C. 7A max rated current.

81-122...............................pk 10/$1.00

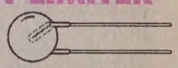
BALUN CORES

1/4" wide w/ 1/16" dia holes
18-132....................................$ .25

1/2" wide w/ 5/32" dia holes
18-133....................................$ .35

9/16" wide w/ 1/8" dia holes
18-134....................................$ .50

INRUSH CURRENT LIMITER



Mfg. - KEYSTONE
Protects against high peak inrush current, especially in AC/DC switching power supplies.

10 ohm ±25% @ 25°C
Max steady current 5 amp
CL-60..............Dia .77"...............$ .50

.5 ohm ±25% @ 25°C
Max steady current 16 amp
CL-100............Dia .93"...............$ .50

TRIMPOTS

MODEL 3299W

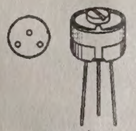
BOURNS
3299

Multi-turn cermet
3/8" square, 25 turn
1/2 watt - ±10% tolerance
Sealed

$1.35

Part#	Ohms	Part#	Ohms
38-176	10	38-146	20K
38-177	20	38-180	25K
38-178	50	38-147	50K
38-142	100	38-148	100K
38-179	200	38-181	200K
38-124	500	38-182	250K
38-143	1K	38-149	1 Meg
38-144	2K	38-183	2 Meg
38-151	5K	38-184	5 Meg
38-145	10K		

MODEL 3329



Single-turn cermet
1/2 watt - ±10% tolerance
Sealed

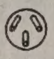
$1.15

3329H

1/4" dia

Part#	Ohms	Part#	Ohms
38-201	50	38-209	20K
38-202	100	38-210	25K
38-203	200	38-211	50K
38-204	500	38-212	100K
38-205	1K	38-213	200K
38-206	2K	38-214	250K
38-207	5K	38-215	500K
38-120	10K	38-216	1 Meg

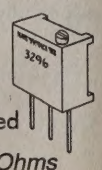
3329P



1/4" dia

Part#	Ohms	Part#	Ohms
38-185	50	38-193	20K
38-186	100	38-194	25K
38-187	200	38-127	50K
38-188	500	38-196	100K
38-189	1K	38-197	200K
38-190	2K	38-198	250K
38-191	5K	38-199	500K
38-192	10K	38-200	1 Meg

MODEL 3296W

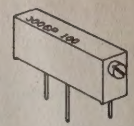


25 turn cermet
3/8" square
1/2 watt - ±10% tolerance. Sealed

$1.35

Part#	Ohms	Part#	Ohms
38-230	200	38-229	5K
38-231	500	38-237	20K

MODEL 3006P

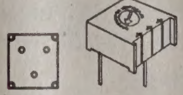


15-turn cermet
3/16" x 3/4" rectanglar
1/2" overall height
3/4 watt - ±10% tolerance
Sealed

$ .85

Part#	Ohms	Part#	Ohms
38-128	10	38-103	5K
38-129	20	38-135	10K
38-130	50	38-136	20K
38-131	100	38-137	50K
38-132	200	38-138	100K
38-133	500	38-139	200K
38-102	1K	38-140	1 Meg
38-134	2K	38-141	2 Meg

MODEL 3386



Single-turn cermet
3/8" square, 1/2 watt
±10% tolerance

$ .75

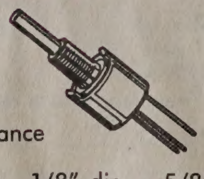
3386F

Part#	Ohms	Part#	Ohms
38-104	20K	38-243	2K
38-241	200	38-244	10K
38-242	500		

3386P

Part#	Ohms	Part#	Ohms
38-152	50	38-159	20K
38-153	100	38-160	50K
38-154	500	38-161	100K
38-155	1K	38-105	200K
38-156	2K	38-163	500K
38-157	5K	38-164	1 Meg
38-158	10K	38-165	2 Meg
38-121	15K		

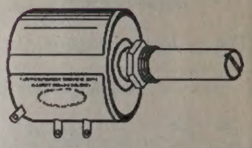
5K OHM LINEAR POT



Mfg. - Clarostat
Mfg.# - CM46434
392JB series
5K ohms, ±10% tolerance
.5 watt, 350 WVDC
1/4" plastic bushing. 1/8" dia. x 5/8" long FMS screwdriver slotted shaft. PC type terminals. Hardware included.

(1-99) (100-up)
CM46434..........................**$2.50**..**$2.00**

10 TURN WIREWOUND POTENTIOMETER

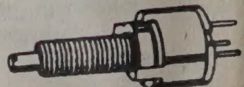


Mfg. - SPECTRO
Mfg.# - 534-1-1
Equiv. to Bourns 3540S
Panel mount; stainless shaft
10 turn, 2 watt, 7/8" dia
±10% tolerance

$9.99

Part#	Ohms	Part#	Ohms
38-166	100	38-171	5K
38-167	200	38-172	10K
38-168	500	38-173	20K
38-169	1K	38-174	50K
38-170	2K	38-175	100K

CLAROSTAT TRIMPOTS

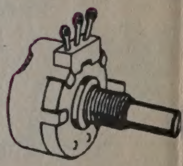


Mfg. - CLAROSTAT
1/2 watt, 350 WVDC
1/8" dia. shaft, 1/4" locking bushing
5/8" screwdriver slotted shaft
Plastic military pot with stainless steel cover. 10% tolerance. Hardware included.

Mfg.# - RV6LAYSA102A
1K ohm
38-249......................................**$3.99**

Mfg.# - RV6LAYSA503A
50K ohm
38-250......................................**$3.99**

CLAROSTAT TRIMPOTS



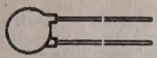
Mfg. - CLAROSTAT
2 watt, 500 WVDC
.375" plain bushing, .875" screwdriver slotted shaft. Plastic military pot with stainless steel cover. Totally sealed. 10% tolerance. Hardware included. MIL-R-94 RV4

Mfg.# - RV4NAYSD103A
10K ohm
38-251......................................**$4.99**

Mfg.# - RV4SAYSD353A
35K ohm
38-255......................................**$4.99**

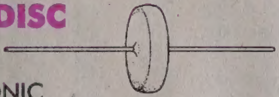
CAPACITORS

CERAMIC DISCS



Part#	Value	Volts	Dia (mm)	Lead Space	Price
15-882	2.2pf	500	6	.2"	$ .04
15-883	18pf	500	6	.2"	.04
15-896	22pf	500	7	.2"	.10
15-718	220pf	6KV	10	.4"	.20
15-879	33pf	500	6	.2"	.08
15-878	47pf	500	6	.2"	.10
15-885	68pf	1000	6	.2"	.06
15-898	220pf	500	6	.2"	.06
15-886	330pf	3000	9	.2"	.15
15-486	1000pf	1000	7	.2"	.06
15-881	1500pf	3000	11	.3"	.15
15-895	2200pf	500	6	.2"	.08
15-887	2700pf	500	12	.35"	.04
15-880	3300pf	1000	10	.3"	.10
15-897	6800pf	500	10	.2"	.04
15-888	.01µf	100	12	.25"	.15
15-884	.01µf	500	12	.2"	.25
15-877	.01µf	1000	18	.3"	.39
15-889	.1µf	50	11	.2"	.10
15-717	.1uf	500	16	.3"	.99

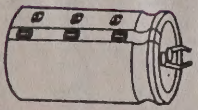
.001 @ 10KV AXIAL CERAMIC DISC



Mfg. - PANASONIC
Mfg.# - ECK-D4A102MDA
1/4" x 13/16"
20% tolerance

15-841.......................................**$ .99**

10,000µF SNAP CAPS



New

63 VDC

Mfg. - PANASONIC
35 x 51mm

	1-99	100-Up
15-943	**$3.75**	**$3.25**

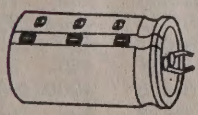
100 VDC

New

Mfg. - NIPPON CHEMICON
40 x 64mm

	1-99	100-Up
15-947	**$6.49**	**$5.99**

470µF @ 400 VOLT SNAP CAP



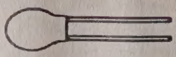
New

Mfg. - NICHICON
35 x 46mm, 105°C

	1-99	100-Up
15-952	**$5.25**	**$4.75**

DIPPED TANTALUM

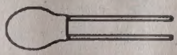
10µF @ 16 VOLT



Mfg. - AVX
Mfg.# - TAP106K016
.1" lead space

15-901.......................................**$ .19**

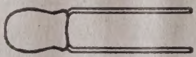
10µF @ 25 VOLT



Mfg. - KEMET
Mfg.# - T350E106M025
.1" lead space

15-922.......................................**$ .25**

10µF @ 50 VOLT

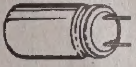


Mfg. - KEMET
Mfg.# - T350K106M050
.2" lead space

New

15-226.......................................**$ .99**

PC MOUNT LYTICS

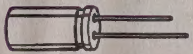


2200 µF @ 63 volt
15-763.......................................**$ .65**

1000 µF @ 200 volt
35mm x 50mm
15-496.......................................**$1.49**

1200 µF @ 200 volt
15-362.......................................**$1.25**

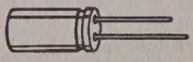
1500 µF @ 35V RADIAL LYTIC



Mfg. - PHILIPS
16mm x 25mm

15-769.......................................**$ .35**

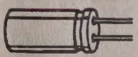
220 µF @ 63V RADIAL LYTIC



Mfg. - PANASONIC
16mm x 35mm
105°C

15-770.......................................**$ .35**

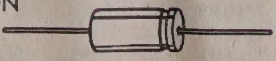
1000 µF @ 35V RADIAL LYTIC



Mfg. - NIPPON CHEMICON
18mm x 36mm
85°C, board ready leads

15-954.......................................**$ .35**

3300 µF @ 35 VOLT AXIAL LYTIC

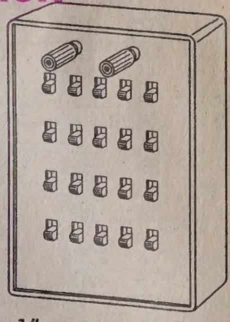


Mfg. - NICHICON
22mm x 40mm
85°C

15-955.......................................**$ .29**

CAPACITANCE SUBSTITUTION BOX

New

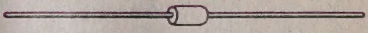


Mfg. - GC
5-1/2" x 3-1/2" x 1"

Select range of 100 pf to 4.7 mfd. 20 dual contact slide switches allow simple adding or subtracting to the value desired. Push type terminals. Voltage 200 VDC non polarized. Precision 10% throughout. This eliminates the guesswork in determining the appropriate capacitance values need for projects or repairs.

15-953.......................................**$69.95**

.1µF @ 50 VOLT AXIAL MONO

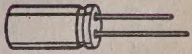


Mfg. - AVX
Mfg.# - SA105E104ZAA

New

90-231.......................................**$ .06**

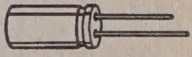
4700 µF @ 25V RADIAL LYTIC



Mfg. - DAEWOO
16mm x 32mm
85°C

15-772.......................................**$ .75**

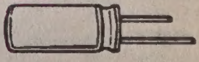
4700 µF @ 50V RADIAL LYTIC



Mfg. - ILLINOIS CAP
25mm x 51mm

	(1-99)	(100-Up)
15-855	**$1.99**	**$1.50**

AUDIO AMPLIFIER CAP



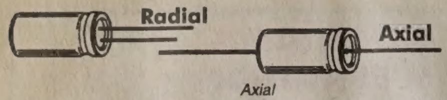
Mfg. - NICHICON

6,800 µF @ 35V
15-430.......Radial-25mm x 50mm.......**$ .75**

6,800 µF @ 63V
15-431.......Radial-30mm x 63mm......**$1.50**

10,000 µF @ 35V
15-915.......Radial-30mm x 50mm......**$2.25**

ELECTROLYTIC CAPACITORS



Part#	Volt	µF	Axial or Radial	1-99	100-Up
15-854	3.3	200	R	$ .24	$ .22
15-815	15	100	A	.15	.13
15-814	16	10	A	.08	.07
15-853	16	10	R	.10	.09
15-813	16	22	R	.08	.07
15-816	16	47	A	.10	.08
15-282	16	100	R	.15	.13
15-686	16	1000	R	.45	.39
15-497	16	2200	A	.39	.29
15-951	16	2200	R	.45	.39
15-946	16	4700	R	.99	.89
15-810	25	4.7	A	.12	.10
15-811	25	4.7	R	.12	.10
15-500	25	10	A	.12	.10
15-501	25	10	R	.12	.10
15-502	25	22	A	.12	.10
15-503	25	22	R	.12	.10
15-504	25	33	A	.14	.12
15-505	25	33	R	.14	.12
15-506	25	47	A	.19	.17
15-507	25	47	R	.19	.17
15-508	25	100	A	.28	.25
15-509	25	100	R	.28	.25
15-510	25	220	A	.33	.29
15-511	25	220	R	.33	.29
15-512	25	330	A	.43	.39
15-513	25	330	R	.43	.39
15-514	25	470	A	.53	.49
15-515	25	470	R	.53	.49
15-516	25	1000	A	.63	.59
15-517	25	1000	R	.63	.59
15-518	25	2200	A	.68	.62
15-286	25	2200	R	.68	.62
15-519	25	3300	A	1.51	1.35
15-520	25	3300	R	1.51	1.35
15-521	25	4700	A	1.80	1.65
15-522	25	4700	R	1.80	1.65
15-765	25	6800	A	1.99	1.75
15-424	25	6800	R	1.99	1.75
15-288	35	4.7	A	.15	.12
15-349	35	4.7	R	.15	.12
15-523	35	10	A	.18	.14
15-524	35	10	R	.18	.14
15-525	35	22	A	.18	.16
15-526	35	22	R	.18	.16
15-527	35	33	A	.20	.18
15-528	35	33	R	.20	.18
15-529	35	47	A	.24	.22
15-530	35	47	R	.24	.22
15-531	35	100	A	.30	.27
15-532	35	100	R	.30	.27
15-533	35	220	A	.40	.37
15-534	35	220	R	.40	.37
15-535	35	330	A	.68	.59
15-536	35	330	R	.50	.45
15-537	35	470	A	.60	.52
15-538	35	470	R	.60	.52
15-539	35	1000	A	.63	.59
15-540	35	1000	R	.63	.59
15-289	35	1500	A	.75	.65
15-817	35	1500	R	.75	.65
15-541	35	2200	A	.90	.82
15-542	35	2200	R	.90	.82
15-543	35	3300	A	1.80	1.65
15-544	35	3300	R	1.80	1.65
15-545	35	4700	A	2.17	1.99
15-546	35	4700	R	2.00	1.85

Part#	Volt	µF	Axial or Radial	1-99	100-Up
15-482	35	6800	R	2.25	2.05
15-842	40	10000	R	3.49	3.00
15-290	50	.01	A	.18	.16
15-547	50	.47	A	.18	.16
15-548	50	.47	R	.18	.16
15-549	50	1	A	.17	.15
15-550	50	1	R	.17	.15
15-551	50	2.2	A	.19	.17
15-552	50	2.2	R	.19	.17
15-553	50	3.3	A	.21	.19
15-554	50	3.3	R	.21	.19
15-555	50	4.7	A	.24	.22
15-556	50	4.7	R	.24	.22
15-852	50	6.8	R	.24	.22
15-557	50	10	A	.25	.23
15-558	50	10	R	.25	.23
15-559	50	22	A	.28	.26
15-560	50	22	R	.25	.23
15-561	50	33	A	.27	.25
15-562	50	33	R	.27	.25
15-563	50	47	A	.36	.32
15-564	50	47	R	.36	.32
15-565	50	100	A	.38	.34
15-566	50	100	R	.38	.34
15-567	50	220	A	.61	.57
15-568	50	220	R	.61	.57
15-569	50	330	A	.68	.62
15-570	50	330	R	.68	.62
15-571	50	470	A	.75	.69
15-572	50	470	R	.75	.69
15-573	50	1000	A	.95	.89
15-574	50	1000	R	.95	.89
15-422	50	1500	R	1.25	1.09
15-575	50	2200	A	1.50	1.35
15-576	50	2200	R	1.50	1.35
15-577	50	3300	A	2.70	2.50
15-578	50	3300	R	2.75	2.50
15-579	50	4700	A	3.99	3.49
15-855	50	4700	R	1.99	1.50
15-837	50	10000	R	3.99	3.75
15-291	63	1	R	.20	.18
15-948	63	2.2	R	.24	.23
15-292	63	100	A	.45	.39
15-851	63	100	R	.45	.39
15-293	63	220	A	.80	.75
15-345	63	330	R	.95	.85
15-812	63	470	A	.99	.89
15-685	63	470	R	.99	.89
15-856	63	2200	R	1.75	1.50
15-582	100	.47	A	.19	.17
15-583	100	.47	R	.19	.17
15-584	100	1	A	.21	.19
15-585	100	1	R	.21	.19
15-586	100	2.2	A	.23	.21
15-587	100	2.2	R	.19	.17
15-588	100	3.3	A	.24	.22
15-589	100	3.3	R	.25	.22
15-590	100	4.7	A	.23	.21
15-591	100	4.7	R	.31	.28
15-592	100	10	A	.33	.29
15-593	100	10	R	.33	.29
15-594	100	22	A	.29	.27
15-595	100	22	R	.35	.31
15-596	100	33	A	.29	.27
15-597	100	33	R	.29	.27
15-598	100	47	A	.45	.39
15-599	100	47	R	.37	.34
15-600	100	100	A	.69	.65
15-601	100	100	R	.69	.65
15-602	100	220	A	.80	.75
15-603	100	220	R	.95	.85

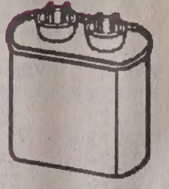
Part#	Volt	µF	Axial or Radial	1-99	100-Up
15-604	100	330	A	.75	.69
15-605	100	330	R	.75	.69
15-606	100	470	A	1.29	1.19
15-607	100	470	R	1.29	1.19
15-608	100	1000	A	1.75	1.59
15-609	100	1000	R	1.75	1.59
15-610	160	1	R	.19	.17
15-611	160	2.2	R	.19	.17
15-612	160	3.3	R	.24	.22
15-613	160	4.7	R	.23	.21
15-614	160	6.8	R	.32	.29
15-615	160	10	R	.29	.27
15-616	160	22	R	.47	.44
15-481	160	100	R	1.25	1.15
15-949	200	3.3	R	.25	.23
15-945	200	10	R	.39	.35
15-617	200	33	R	.59	.55
15-618	200	47	R	.84	.75
15-950	200	68	R	.89	.79
15-821	200	100	A	1.99	1.75
15-823	200	100	R	1.99	1.75
15-822	200	330	A	2.99	2.75
15-347	200	470	R	3.25	2.99
15-619	250	1	A	.39	.36
15-620	250	1	R	.21	.19
15-621	250	2.2	A	.24	.22
15-622	250	2.2	R	.24	.22
15-623	250	3.3	A	.26	.24
15-624	250	3.3	R	.26	.24
15-625	250	4.7	A	.32	.29
15-626	250	4.7	R	.29	.27
15-627	250	6.8	R	.37	.35
15-628	250	10	A	.45	.42
15-629	250	10	R	.44	.41
15-630	250	22	A	1.25	1.15
15-631	250	22	R	.99	.89
15-632	250	33	A	1.20	1.09
15-633	250	33	R	1.20	1.09
15-634	250	47	A	1.25	1.19
15-635	250	47	R	1.25	1.19
15-636	250	100	A	2.25	1.99
15-637	250	100	R	2.25	1.99
15-344	250	150	A	1.75	1.60
15-639	250	220	R	3.25	2.99
15-643	350	.47	R	.22	.19
15-644	350	1	A	.25	.23
15-645	350	1	R	.25	.23
15-646	350	2.2	R	.27	.25
15-647	350	3.3	R	.37	.34
15-648	350	4.7	R	.47	.44
15-649	350	10	R	.68	.64
15-650	350	22	R	1.07	.99
15-651	350	33	R	1.37	1.25
15-652	350	47	R	1.65	1.50
15-371	350	47	A	1.65	1.50
15-687	350	100	R	2.50	2.25
15-653	450	1	R	.32	.29
15-654	450	2.2	R	.38	.35
15-423	450	4.7	A	.75	.69
15-655	450	4.7	R	.58	.54
15-656	450	10	R	.85	.79
15-353	450	22	R	1.35	1.29
15-372	450	22	A	1.75	1.59
15-657	450	33	A	2.65	2.35
15-698	450	33	R	2.35	2.19
15-658	450	47	A	3.00	2.75
15-699	450	47	R	3.00	2.75
15-659	450	82	A	3.49	3.25
15-700	450	80	R	3.50	3.25
15-660	450	100	A	3.99	3.75
15-701	450	100	R	3.99	3.75

CAPACITORS

MEMORY BACK-UP CAPACITORS

Part#	Value	Price
15-343-2	.1 Farad @ 5.5V	$1.45
90-155	.22 Farad @ 5.0V	1.45
15-363	1 Farad @ 5.5V	2.49
15-721	1.4 Farad @ 5.5V	2.49

4μF @ 330 VAC CAP

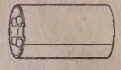


Mfg. - MALLORY
2-1/2" x 2" x 1-1/4"
60 Hz, -55/+70 "C"
AC motor cap for motors, ferro-resonant transformers, power supplies etc. No PCB's, .25" quick connect terminals.

15-742.......................................**$1.00**

AC MOTOR START

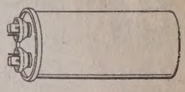
72-86μF @ 220 VAC



Mfg. - PHILLIPS
36 x 70mm

15-916.......................................**$1.99**

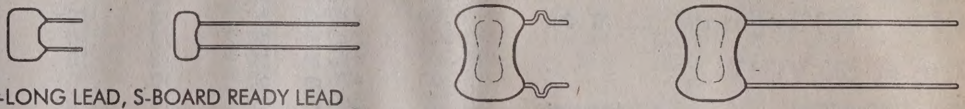
30μF @ 370 VAC



Mfg. - GE
44 x 98mm

15-917.......................................**$2.49**

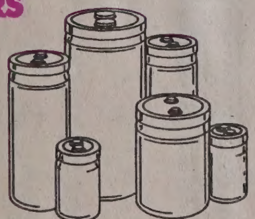
SILVER MICAS



TO ORDER:
STATE VALUE, pF, VOLTAGE THEN L or S. L-LONG LEAD, S-BOARD READY LEAD

Value in pF	Volts	Lead	Value in pF	Volts	Lead	Value in pF	Volts	Lead	Value in pF	Volts	Lead	Value in pF	Volts	Lead	Value in pF	Volts	Lead	Value in pF	Volts	Lead	Value in pF	Volts	Lead
3	50	L	27	300	L	98	300	L	180	50	S	330	50	L	620	100	L	860	500	S	3700	100	L
4	50	L	27	500	L	100	300	L	180	50	L	330	100	S	620	300	L	1100	100	S	3700	500	L
5	50	L	33	500	L	109	300	L	180	300	L	330	100	L	657	300	L	1100	500	L	6810	300	L
6	300	L	36	300	L	110	500	L	200	300	S	345	500	S	680	300	L	1150	300	L	10000	500	L
8	100	L	39	100	L	115	300	L	200	300	L	360	100	L	680	500	L	1200	300	L	18000	500	L
13	300	S	39	300	L	130	300	L	200	500	L	360	300	L	684	300	L	1200	500	S			
15	500	L	43	300	L	140	300	L	215	300	L	390	100	L	690	300	L	1500	300	L			
18	50	L	43	500	L	150	500	L	220	50	L	390	300	S	695	300	L	1600	100	S	*Value in MFD*	*Volts*	*Lead*
18	300	L	47	300	L	154	300	L	220	500	L	390	300	L	700	500	S	1700	100	S			
18	500	L	62	500	L	156	300	L	226	300	L	470	300	L	720	300	L	1800	100	L	.0010	100	L
20	500	S	68	500	L	160	300	L	240	50	L	510	300	S	750	300	L	2200	500	L	.0022	100	L
22	500	L	75	50	L	160	500	L	240	100	L	542	300	L	800	300	S	2700	500	L			
24	300	L	90	100	S	165	300	L	280	100	S	560	300	L	820	300	L	2700	1000	S			
27	100	L	90	300	L	170	300	L	300	300	L	560	500	L	850	100	L	3300	500	L	**$ .25 EA.**		

COMPUTER GRADE CAPACITORS



27,000 μF @ 15V
5-824...............2" x 3-1/8"...............**$1.99**

29,000 μF @ 15V
5-834...............2-3/4" x 2"...............**$1.99**

89,000 μF @ 15V
5-835...............4-5/8" x 3"...............**$9.95**

6,000 μF @ 20V
5-739.............2-1/8" x 1-3/8"...........**$1.25**

8,200 μF @ 25V
5-468...............1-1/4" x 4"...............**$ .99**

10,000 μF @ 30V
5-836.............4-3/4" x 1-3/8"...........**$1.85**

18,000 μF @ 30V
15-696-2..........1-1/4" x 5-5/8"............**$2.49**

55,000 μF @ 30V
15-761............3-1/8" x 2-1/2"............**$9.95**

6,000 μF @ 40V
15-741............3-1/4" x 1-3/8"............**$2.25**

2,200 μF @ 50V
15-714............1-3/8" x 2-1/8"............**$1.25**

5,700 μF @ 50V
15-838............5-1/8" x 1-3/8"............**$ .99**

6,500 μF @ 50V
15-713...............2" x 3-1/8"...............**$1.79**

33,000 μF @ 50V
15-845...............3-3/4" x 2"...............**$8.95**

18,000 μF @ 60V
15-737............2-1/2" x 5-1/2"............**$4.95**

2,800 μF @ 75V
15-840............3-1/8" x 1-3/8"............**$1.75**

15,000 μF @ 75V
15-803...........2-1/16" x 2-1/2"..........**$12.95**

15,000 μF @ 75V
15-801.........3-1/8" x 2" (PC Lead)........**$9.95**

1,500 μF @ 150V
15-740............3-5/8" x 1-3/4"............**$2.99**

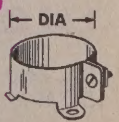
300 μF @ 200V
15-712............1-3/8" x 2-1/8"............**$1.35**

1,000 μF @ 200V
15-720...............2" x 3-1/4"...............**$3.99**

4,500 μF @ 200V *New*
15-942...............2-1/2" x 4"...............**$5.95**

360 μF @ 250V
15-711.........2" x 2-1/2" (PC Lead)........**$1.35**

CAPACITOR MOUNTING RINGS



2 Mounting feet
Comes less screw
Dia. size: 1-5/16" - 1-9/16"
74-260.......................................**$ .25**

3 Mounting feet. Comes less screw
Dia. size: 2" - 2-1/16"
VR8.......................................**$ .39**

CAPACITORS

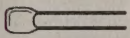
RADIAL MONOLITHIC SPECIALS

.001 µF @ 50 VOLT

Mfg.# - 1C10X7R102K050B
10%, X7R

15-819......... .1" lead space...........**$ .07**

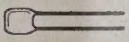
.01 µf @ 50 VOLT



Mfg. - THOMSON
Mfg.# - EC04ZD0103K
10%, X7R
15-861......... .1" lead space...........**$ .06**

.1 µf @ 50 VOLT

Mfg. - THOMSON
20%, Z5U
15-860......... .1" lead space...........**$ .07**

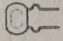


Mfg. - THOMSON
10%, X7R
15-862......... .1" lead space...........**$ .08**

Mfg. - AVX
20%, Z5U
15-904......... .2" lead space...........**$ .07**

Mfg. - CENTRALAB
10%

15-918......... .1" lead space...........**$ .08**

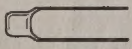


Mfg. - KEMET
10%, tape & reel, 5/16" length

15-919......... .1" lead space...........**$ .08**

Mfg. - CENTRALAB
10%, .25" board ready leads

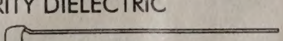
15-932......... .2" lead space...........**$ .06**



Mfg. - AVX, #SR285C104M
Tape & reel *New*

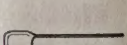
91-360......... .2" lead space...........**$ .07**

Mfg. - PROSPERITY DIELECTRIC
20%, Z5U

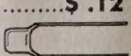


15-818......... .1" lead space...........**$ .07**

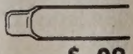
.1 µf @ 100 VOLT



20%, Z5U
15-749......... .1" lead space...........**$ .12**

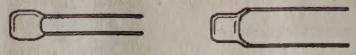


10%, X7R
15-905......... .2" lead space...........**$ .09**



10%, X7R
15-859......... .2" lead space...........**$ .09**

RADIAL MONOLITHICS

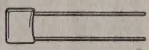


Part#	Value	Volts	(1-99)	(100-up)
15-733	10 pf	50	$ .13	$ .10
15-722	15 pf	50	.13	.10
15-723	22 pf	50	.13	.10
15-724	33 pf	50	.13	.10
15-296	39 pf	50	.13	.10
15-725	47 pf	50	.13	.10
15-726	56 pf	50	.13	.10
15-727	68 pf	50	.13	.10
15-728	82 pf	50	.13	.10
15-729	100 pf	50	.13	.10
15-297	130 pf	50	.13	.10
15-782	150 pf	50	.13	.10
15-299	180 pf	50	.13	.10
15-300	220 pf	50	.13	.10
15-301	330 pf	50	.13	.10
15-302	430 pf	50	.13	.10
15-303	470 pf	50	.13	.10
15-730	560 pf	50	.13	.10
15-731	680 pf	50	.13	.10
15-732	820 pf	50	.13	.10
15-310	.001 uf	50	.13	.10
15-305	.0015 uf	50	.13	.10
15-307	.0039 uf	50	.13	.10
15-308	.0047 uf	50	.13	.10
15-309	.0056 uf	50	.13	.10
15-311	.0068 uf	50	.13	.10
15-139	.01 uf	50	.10	.09
15-312	.022 uf	50	.13	.10
15-313	.047 uf	50	.13	.10
15-314	.068 uf	50	.13	.10
15-140	.1 uf	50	.15	.12
15-315	.22 uf	50	.18	.16
15-316	.27 uf	50	.10	.09
15-142	.33 uf	50	.18	.16
15-317	.47 uf	50	.30	.27
15-185	1 uf	50	.30	.27
15-744	1.5 uf	50	.45	.39
15-491	2.2 uf	50	.99	.75
15-432	4.7 uf	50	1.99	1.49
15-433	10 uf	25	4.95	3.95

.22 µf @ 50 VOLT

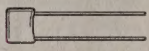
10%
15-865......... .2" lead space...........**$ .13**

.33 µf @ 50 VOLT



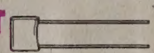
10%, X7R
15-867......... .2" lead space...........**$ .13**

.47 µf @ 50 VOLT



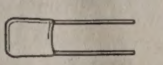
5%, X7R
15-750........ .25" lead space..........**$ .18**

.47 µf @ 100 VOLT

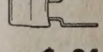


10%, X7R
15-866......... .2" lead space...........**$ .35**

1 µf @ 50 VOLT

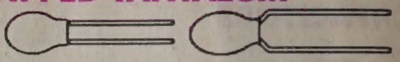


Mfg.# - EC08ZD0105KDB
10%, X7R
15-906......... .2" lead space...........**$ .29**



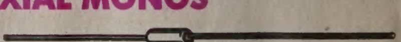
Mfg. - CENTRALAB
10%, .25" board ready leads
15-933......... .2" lead space...........**$ .24**

DIPPED TANTALUM



Part#	µF	Volts	Price
15-214	.1	35	$ .13
15-707	.1	50	.15
15-276	.22	35	.13
15-876	.33	35	.14
15-382	.47	35	.15
15-364	.47	50	.20
15-705	.68	35	.13
15-348	.68	50	.15
15-319	.82	35	.18
15-215	1	25	.18
15-216	1	35	.18
15-321	1	50	.29
15-383	2.2	10	.15
15-325	2.2	16	.14
15-379	2.2	20	.15
15-277	2.2	25	.18
15-217	2.2	35	.20
15-218	3.3	16	.15
15-219	3.3	35	.18
15-220	4.7	10	.15
15-221	4.7	16	.18
15-704	4.7	20	.23
15-322	4.7	25	.25
15-222	4.7	35	.26
15-706	4.7	50	.30
15-339	5.6	10	.20
15-275	6.8	10	.30
15-381	6.8	25	.35
15-323	6.8	35	.40
15-384	10	10	.22
15-224	10	16	.30
15-318	10	20	.35
15-225	10	25	.37
15-386	10	35	.50
15-388	15	10	.20
15-391	15	16	.25
15-380	15	20	.30
15-385	15	25	.35
15-227	22	10	.25
15-228	22	16	.35
15-326	22	25	.50
15-229	22	35	.75
15-378	27	10	.15
15-320	33	10	.25
15-231	33	16	.30
15-232	33	20	.35
15-233	33	25	.65
15-234	33	35	1.00
15-389	47	10	.40
15-328	47	16	.50
15-703	47	20	.65
15-329	47	25	.99
15-330	47	35	1.49
15-236	68	16	.75
15-324	68	25	1.00
15-237	100	10	1.25
15-356	100	16	1.49
15-365	100	20	2.49
15-238	150	15	1.75

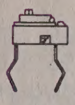
AXIAL MONOS



15-342	.001 uf	100V	$ .07
15-716	.01 uf	50V	.10
15-407	.1 uf	50V	.12
15-408	.22 uf	50V	.20
15-409	.33 uf	50V	.23
15-410	.47 uf	50V	.27
15-411	1.0 uf	50V	.30

CERAMIC TRIMMERS

mm SUPER MINIATURE 0 WVDC

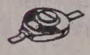


Part#	Range (pF)	(1-99)	(100-Up)
42-1810	1.8 - 10	$ 1.09	$ .99
42-2820	2.8 - 20	1.09	.99
42-4030	4.0 - 30	1.09	.99

mm MICRO-MINI 00 WVDC Top Adjust)

Part#	Range (pF)	(1-99)	(100-Up)
4AA020	1.8 - 6	$ .71	$ .65
4AA021	2.8 - 12.5	.71	.65
4AA022	3.5 - 20	.73	.67
4AA023	5.0 - 30	.78	.72
4AA024	9.0 - 50	.81	.75

mm SURFACE MOUNT MICRO-MINI 00 WVDC



Part#	Range (pF)	(1-99)	(100-Up)
4AA070	1.8 - 6	$ .72	$ .67
4AA071	2.8 - 12.5	.72	.67
4AA072	3.5 - 20	.72	.67
4AA073	5.0 - 30	.76	.69
4AA074	9.0 - 50	.81	.74

mm SNAP-IN MOUNT 00 WVDC

Part#	Range (pF)	(1-99)	(100-Up)
42-1530	1.5 - 3	$ .41	$ .37
42-2710	2.7 - 10	.41	.37
42-4220	4.2 - 20	.41	.37
42-5530	5.5 - 30	.45	.41
42-8050	8.0 - 50	.47	.42

mm ULTRA-MINIATURE 25 WVDC

Part#	Range (pF)	(1-99)	(100-Up)
42-3610-12	2.0 - 12	$ .89	$ .86
42-3610-23	2.8 - 23	.89	.86
42-3610-45	7.0 - 45	.98	.89
42-3610-55	7.0 - 55	1.09	1.01
42-3610-70	7.0 - 70	1.15	.99
42-3610100	12.0 - 100	1.15	.99

MICRO-MINIATURE ELECTROLYTICS

These low profile caps are used in VCRs, camcorders and other modern products where space is limited.

Part#	Value	Size DxL (mm)	(1-99)	(100-Up)
15-449	220 uF @ 10V	8 x 9	$ .15	$ .14
15-450	10 uF @ 16V	4 x 7	.15	.14
15-451	22 uF @ 16V	4 x 7	.15	.14
15-452	33 uF @ 16V	5 x 7	.15	.14
15-453	47 uF @ 16V	6 x 7	.15	.14
15-454	100 uF @ 16V	8 x 9	.15	.14
15-455	33 uF @ 25V	6 x 7	.15	.14
15-456	4.7 uF @ 35V	4 x 7	.11	.10
15-457	10 uF @ 35V	5 x 7	.12	.11
15-458	22 uF @ 35V	6 x 7	.14	.13
15-459	.1 uF @ 50V	4 x 7	.11	.10
15-460	.22 uF @ 50V	4 x 7	.11	.10
15-461	.33 uF @ 50V	4 x 7	.11	.10
15-462	.47 uF @ 50V	4 x 7	.11	.10
15-463	1 uF @ 50V	4 x 7	.11	.10
15-464	2.2 uF @ 50V	4 x 7	.11	.10
15-465	3.3 uF @ 50V	4 x 7	.11	.10
15-466	4.7 uF @ 50V	5 x 7	.13	.12
15-467	10 uF @ 50V	5 x 7	.14	.13

NON-POLARIZED ELECTROLYTICS

Bi-polar (non-polarized) axial capacitors for crossover applications. Effective up to approx. 200 watts.

100 Volt

Part#	Value	Size DxL (mm)	(1-99)	(100-Up)
15-434	1 uF	6 x 16	$ .29	$ .22
15-435	1.5 uF	6 x 16	.30	.24
15-436	2.2 uF	8 x 17	.34	.26
15-437	3.3 uF	8 x 17	.42	.32
15-438	4.7 uF	8 x 17	.45	.35
15-439	6.8 uF	8 x 20	.30	.27
15-440	10 uF	10 x 21	.48	.45
15-441	15 uF	10 x 26	.68	.52
15-442	22 uF	10 x 26	.53	.49
15-443	33 uF	13 x 27	1.19	.92
15-444	47 uF	13 x 27	1.09	.99
15-445	50 uF	13 x 32	1.35	1.19
15-446	68 uF	13 x 32	1.59	1.25
15-447	100 uF	16 x 38	1.69	1.49
15-448	220 uF	18 x 43	2.89	2.49

TRIMMER CAP

Mfg. - MURATA ERIE
Mfg.# - TZ03R200ER
6mm red ceramic trimmer
Range 4.2 - 20 pF

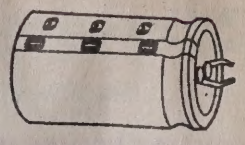
	(1-99)	(100-Up)
15-798	$ .35	$ .25

12-35pF CERAMIC TRIMMER

Mfg. - SWALLOW
7.5mm

	(1-99)	(100-Up)
15-907	$ .15	$ .12

SNAP-LOCK ELECTROLYTICS

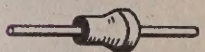


Part#	μF	Volts	(1-99)	(100-up)
15-403	10000	16	$1.75	$1.49
15-395	22000	16	1.99	1.49
15-779	33000	16	2.99	2.49
15-498	6800	25	.99	.89
15-404	10000	25	1.99	1.65
15-875	6800	35	1.65	1.45
15-359	4700	35	1.50	1.25
15-368	10000	35	2.75	2.49
15-762	2200	50	1.50	1.35
15-682	3300	50	1.99	1.89
15-683	4700	50	2.25	1.89
15-374	10000	50	2.75	2.49
15-943	10000	63	3.75	3.25
15-947	10000	100	6.49	5.99
15-161	220	200	1.25	.99
15-499	330	200	1.99	1.69
15-162	470	200	2.25	1.99
15-163	1000	200	2.75	2.49
15-376	180	250	1.49	1.25
15-266	220	250	1.50	1.25
15-927	470	250	2.49	2.25
15-684	1200	250	3.49	2.99
15-926	47	400	1.75	1.49
15-358	100	400	2.99	2.69
15-833	150	400	2.65	2.25
15-402	220	400	2.75	2.49
15-267	120	400	2.65	2.25
15-952	470	400	5.25	4.75

6mm CERAMIC TRIMMERS

	(1-99)	(100-Up)
5.2 - 30 pF @ 100 WVDC Green 15-176	$ .35	$ .25
2 - 7.5 pF @ 100 WVDC, Black 15-332	$ .35	$ .25
2.5 - 10 pF @ 100 WVDC, Brown 15-333	$ .35	$ .25
5.5 - 30 pF @ 100 WVDC, Orange 15-334	$ .35	$ .25
2.5 - 7 pF, Blue 15-335	$ .35	$ .25

1000 pF @ 160V PRESS FIT CAP

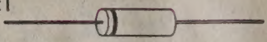


Fits in .116" hole

15-397..$ .25

MYLAR CAPACITORS

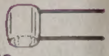
.002µF @ 3KV AXIAL MYLAR



Mfg. - ACUSHNET
12.5 x 33.5mm

15-921 .... $ .75

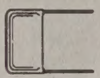
.01µF @ 630 VDC RADIAL MYLAR



Mfg. - INTERNATIONAL
.47" x .26" x .49", .4" lead space

15-783 .... $ .20

.047µF @ 630 VDC METALIZED POLYESTER



Mfg. - NICHICON
.74" x .2" x .37"
.6" lead space, 10% tolerance

15-831 .... $ .49

.068µF @ 400 VDC FILM

Mfg. - NICHICON
.57" x .28" x .43"
.4" lead space, 20% tolerance

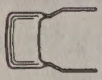
15-807 .... $ .25

.1µF @ 100 V "GREENIES"

Radial mylar
.25" lead space

15-899 .... $ .06

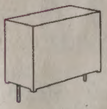
.1µF @ 250 VDC MYLAR



Mfg. - BREL
.5" x .19" x .34"
5% tolerance, .5" lead space

15-809 .... $ .10

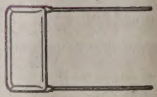
.1µF @ 250 VAC (600 VDC) BOX MYLAR



Mfg. - WIMA
.70" x .36" x .61"
20% tolerance, .5" lead space

15-828 .... $ .25

.1µF @ 250 VAC (600 VDC) METALLIZED FILM



Mfg. - ASC
.95" x .5" x .27"
.8" lead space, 20% tolerance

15-924 .... $ .29

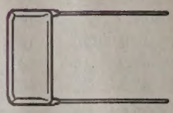
.22µF @ 100 V "GREENIES"

Radial mylar
.4" lead space

New

90-251 .... $ .09

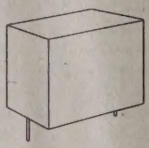
.22µF @ 260 VAC (600 VDC) RADIAL MYLAR



Mfg. - PAKTRON
1-11/16" x 13/16" x 1/2"

15-920 .... $ .65

.22µF @ 630 VDC METALLIZED POLYESTER

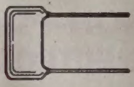


Mfg. - PHILIPS
5/8" x 1-1/16" x 1-1/8"
10% tolerance

New

15-937 .... $ .15

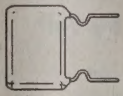
.33µF @ 400 VDC



Mfg. - ILLINOIS CAPACITOR (MSR)
.9" x .58" x .29"
.75" lead space, 10%

15-870 .... $ .29

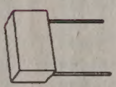
.47µF @ 250 VDC METALLIZED FILM



.68" x .41" x .17"
.5" lead space, 10% tolerance

15-925 .... $ .25

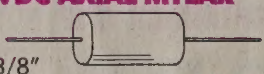
.47µF @ 250 VAC (600 VDC)



Mfg. - RIFA (PME-271M Series)
Interference suppressor cap
1.1" x .83" x .57"
1" lead space

15-758 .... $ .49

.68µF @ 630 VDC AXIAL MYLAR

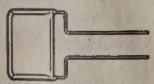


Mfg. - TECATE
1/2" x 3/4" x 1-3/8"
10% tolerance

New

15-935 .... $ .99

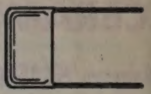
1µF @ 250 VOLT RADIAL MYLAR



Mfg. - NICHICON
1 µF @ 250 volt, 10% tolerance
.74" x .28" x .56", .25" lead space

15-778 .... $ .35

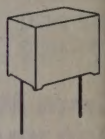
1µF @ 250VDC FILM CAPACITOR



Mfg. - TECATE
.96" x .55" x .26", .8" lead space, radial
Metal polyester film, 10% tolerance

15-808 .... $ .35

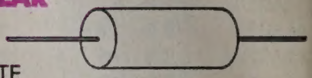
1µF @ 250 VAC/600 VDC METALLIZED FILM



1.2" x 1" x .63"
1" lead space, 20% tolerance

15-923 .... $1.25

1µF @ 630 VDC AXIAL MYLAR

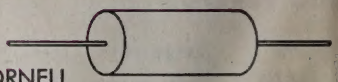


Mfg. - TECATE
3/4"dia x 1-3/4", 10% tolerance

New

15-936 .... $1.49

1µF @ 1000 VDC METALLIZED POLYESTER

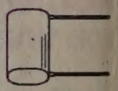


Mfg. - CORNELL DUBLIER
Mfg.# - MMWA10W1K
7/8"dia x 1-13/16", 10% tolerance

New

15-941 .... $4.95

2µF @ 360 VAC (900 VDC) RADIAL MYLAR



Mfg. - DMMA
1-3/4" x 1" x 3/4"
1.6" lead space, 10% tolerance

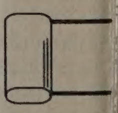
15-931 .... $2.99

2.2µF @ 250 VAC (600 VDC) BOX MYLAR

Mfg. - ERO
1.58" x .66" x 1.25"
10% tolerance, 1.5" lead space

15-794 .... $2.49

3µF @ 400 VDC RADIAL MYLAR



1.67" x .57" x .98"
1.5" lead space

15-785 .... $1.35

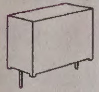
MYLAR CAPACITORS

6.8µF @ 100 VDC BOX MYLAR

Mfg. - MALLORY
1.2″ x .51″ x .85″
5% tolerance, 1″ lead space

15-793......................................**$2.25**

10µF @ 63 VDC BOX MYLAR

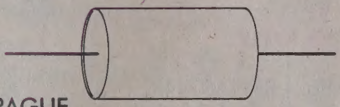


Mfg. - ERO
1.2″ x .44″ x .78″
10% tolerance, 1″ lead space

15-792......................................**$2.99**

10µF @ 400 VDC METALLIZED POLYPROPYLENE

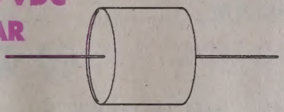
New



Mfg. - SPRAGUE
Mfg.# - 735P106X9400L
1-1/2″dia x 2-1/4″, 10% tolerance

15-940......................................**$9.95**

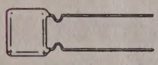
50µF @ 200 VDC AXIAL MYLAR



Mfg. - ASC
1-7/8″ x 2″
10% tolerance. High current, high capacitance and low ESR.

15-930....................................**$12.95**

1KV RADIAL MYLARS



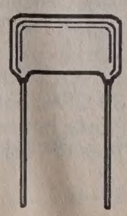
Mfg. - ILLINOIS CAP
10%, .5″ lead space

Part#	Value	Price
15-908	.015 µF	$ .75
15-909	.018 µF	$ .75
15-910	.022 µF	$ .75
15-911	.027 µF	$ .75
15-912	.039 µF	$ .75
15-913	.047 µF	$ .99

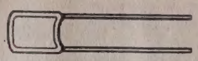
METALLIZED POLYESTER FILM CAP

Mfg. - PANASONIC
Mfg.# - ECQ-E

Part#	µF	VDC	Dimensions (mm) L	W	H	Lead Space	Price
15-928	.047	400	12	5	8.3	.4″	$ .17
15-825	.1	400	12	6.3	12	.4″	.19
5-869	.15	400	18.5	5	12.4	.5″	.29
5-850	1	100	12	6.7	14	.4″	.25
5-759	1	400	26	8.5	18.9	1″	.99
5-929	1.2	250	18.5	8	15.9	.6″	.49

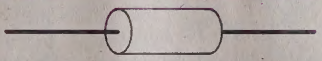


RADIAL MYLARS



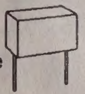
Part#	Value		Price
15-874	.0039	µF @ 100V	$ .07
15-413	.0047	µF @ 50V	.07
15-412	.001	µF @ 50V	.06
15-415	.022	µF @ 50V	.09
15-416	.033	µF @ 50V	.11
15-417	.047	µF @ 50V	.11
15-414	.01	µF @ 50V	.07
15-485	.1	µF @ 50V	.13
15-745	.1	µF @ 100V	.13
15-418	.22	µF @ 50V	.19
15-871	.22	µF @ 100V	.19
15-746	.22	µF @ 250V	.26
15-483	.33	µF @ 50V	.20
15-419	.47	µF @ 50V	.25
15-776	.47	µF @ 100V	.28
15-747	.47	µF @ 250V	.35
15-736	1	µF @ 100V	.40
15-868	1.5	µF @ 250V	.55

AXIAL MYLARS



Part#	µF	VDC	Dimensions Dia	Length	Price
15-844	.047	250	3/8″	9/16″	$ .10
15-934	.1	400	1/4″	3/4″	.35
15-894	.22	100	7/16″	7/8″	.12
15-900	.22	600	5/8″	1-13/16″	.59
15-802	1	400	3/4″	1-1/4″	.99
15-902	1.5	250	3/8″	1-3/16″	.45
15-786	1.5	400	13/16″	2-1/4″	1.25
15-788	1.5	400	7/8″	1-5/8″	1.25
15-893	1.5	550	1″	1-1/2″	.85
15-795	2	550	3/4″	1-1/4″	2.99
15-789	2.2	250	3/4″	1-1/4″	.99
15-805	4.7	160	5/8″	1-1/4″	.99

BOX MYLARS



.42″ x .16″ x .34″, .25″ lead space

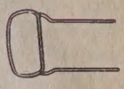
.068 µF @ 100 volt
15-830......................................**$ .05**

.01 µF @ 400 volt
15-829......................................**$ .12**

.51″ x .16″ x .34″, .4″ lead space, 5%

.01 µF @ 630 volt
15-846......................................**$ .15**

ORANGE DROPS



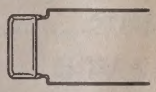
Mfg. - SPRAGUE, #225P
10% tolerance

.01 µF @ 200 volt
.59″ x .25″ x .81″
15-752......................................**$ .17**

.1 µF @ 100 volt
.63″ x .41″ x .27″, 5%
15-843......................................**$ .15**

.33 µF @ 100 volt
.78″ x .53″ x .81″
15-753......................................**$ .39**

1 µF @ 100 volt
1.12″ x .67″ x .89″
15-826......................................**$ .99**

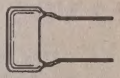


Mfg. - SPRAGUE, #418P
10% tolerance

.1 µF @ 200 volt
.93″ x .40″ x .51″
15-774......................................**$ .29**

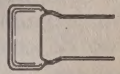
.22 µF @ 200 volt
1″ x .47″ x .48″
15-775......................................**$ .35**

.22 µF @ 600 volt
1.49″ x .71″ x .73″
15-863......................................**$ .39**



Mfg. - SPRAGUE, #715P
Polypropylene dipped tubular

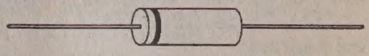
.027 µF @ 400 volt
.37″ x .86″
15-827......................................**$ .35**



Mfg. - SPRAGUE, #277P
10% tolerance

.22 µF @ 360 VAC (800VDC)
.96″ x .68″ x .53″
15-872......................................**$ .75**

WMF SERIES POLYESTER FILM CAPACITORS



Mfg. - CDE
(WMF series)

.25″ x .82″
15-890........ .15µF @ 50 VDC.......**$ .25**

.33″ x .85″
15-848........ .27µF @ 50 VDC.......**$ .25**

.34″ x 1.17″
15-849...... .33µF @ 100 VDC.......**$ .25**

.47″ x 1.38″
15-891...... .82µF @ 100 VDC.......**$ .65**

.22″ x .75″
15-892.... .047µF @ 200 VDC.......**$ .25**

FANS

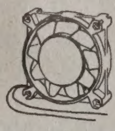
WORLDS SMALLEST FAN

Mfg. - SUNON
Mfg.# - KD0502PFS3
Size: 1"sq x 7/16"
5 VDC, 210mA, 1.4 watt, 3 CFM
Plastic housing, plastic blades (5)
6" color coded leads

New

26-458..**$4.95**

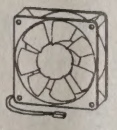
12 VDC



Mfg. - SHICOH
Mfg.# - 0410N-12
Size: 1-5/8" sq. x 3/8"
12 VDC, 90 mA, 8 CFM
Plastic housing, plastic blades (9)
Two 5" color coded leads

26-372..**$5.95**

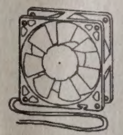
12 VDC



Mfg. - ELINA, #HDF6015L-12LB
Size: 2-3/8" x 9/16"
12 VDC, 100 mA, 1.2 watt
2300 RPM, 30 dB, 10 CFM
Plastic housing, plastic blades
2-1/2" color coded leads

(1-99) (100-up)
26-432.........................**$4.95**.....**$4.49**

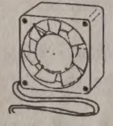
12 VDC



Mfg. - MECHATRONICS
Mfg.# - F6025L
Size: 2-3/8" sq x 1"
12 VDC, 85 mA, 2800 RPM
16 CFM, 24 dB, sleeve bearing
Plastic housing, plastic blades (7)
Two 12" color coded leads.

26-423..**$4.95**

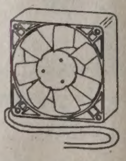
12 VDC



Mfg. - ELINA, #FDC60-12L
Size: 2-3/8" sq. x 1"
12 VDC, 95 mA, 1.14 watt
12 CFM, 25 dB, 3000 RPM
Ball bearing
Metal housing, metal blades (7)
Two 12" color coded leads

26-333..**$4.99**

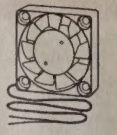
12 VDC ULTRA SLIM



Mfg. - COFAN
Mfg.# - JF8020M12P
Size: 3-1/8" sq. x 3/4"
12 VDC, 150 mA
32 CFM
Plastic housing, plastic blades (7)
Two 7" color coded leads

26-395..**$5.95**

12 VDC

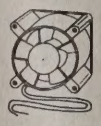


Mfg. - DENSITRON
Mfg.# - DPF40C12H
Size: 1-9/16" x 3/8"
12 VDC, 160 mA
7 CFM
Plastic housing, plastic blades (9)

New

26-479..**$5.95**

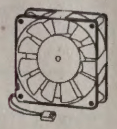
12 VDC



Mfg. - SUNON
Mfg.# - KD1204PTS3
Size: 1-5/8" sq. x 3/4"
12 VDC, 60 mA
10 CFM, .7 watt
Plastic housing, plastic blades (5)
Two 12" color coded leads

26-359..**$4.95**

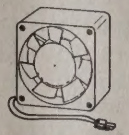
12 VDC SLIM LINE



Mfg. - NIDEC
Mfg.# - R33980-55
Size: 2-3/8" sq x 5/8"
12 VDC, 70 mA, .8 watt
16 CFM
Plastic housing, plastic blades (11)
Two 2" color coded leads

26-436..**$4.95**

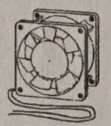
12 VDC



Mfg. - NIDEC
Mfg.# - C32770-55A
Size: 2-3/8" sq x 1"
12 VDC, 120 mA
15 CFM
Plastic housing, plastic blades (7)
Two 5" color coded leads.

26-392..**$4.95**

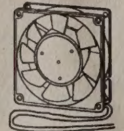
12 VDC



Mfg. - DELTA
Mfg.# - SB0612L
Size: 2-3/8" sq. x 1"
12 VDC, 180 mA
20 CFM
Plastic housing, plastic blades (7)
Two 12" color coded leads

26-396..**$5.95**

12 VDC SLIMLINE



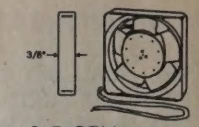
Mfg. - NIDEC
Mfg.# - A33375-16
Size: 3-1/8"sq x 13/16"
12 VDC, 180mA, 2 watt
30 CFM, ball bearing
Plastic housing, plastic blades (9)
Two 12" color coded leads

Only .79" wide

New

26-460..**$5.95**

12 VDC



Mfg. - NIDEC
Mfg.# - TA150DC
Size: 1-5/8" sq. x 3/8"
12 VDC, 80 mA, .96 watt, 3.5 CFM
Brushless, sleeve bearing
Plastic housing, plastic blades (5)
Two 10" color coded leads

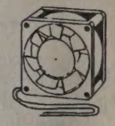
26-360..**$4.95**

486 CPU HEAT SINK/FAN

Size: 1-3/4" sq. x 7/8"
12 VDC, 1watt
Snap in installation without
removing CPU. 6 CFM
Plastic housing, plastic blades
Comes complete with in-line adapters,
Cables tap power from your floppy drives.

26-289..............................SALE..**$4.95**

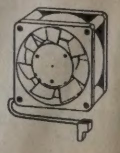
12 VDC



Mfg. - PANASONIC
Mfg.# - FBK-06A12L
Size: 2-3/8" sq. x 1"
12 VDC, 110 mA, .83 watt
12.7 CFM, 24 dB, brushless
Plastic housing, plastic blades (7). Three 11"
color coded leads, shock absorbing foam.

26-208..**$4.95**

12 VDC

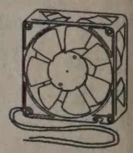


Mfg. - MECHATRONICS
Mfg.# - A6025M12D
Size: 2-3/8"sq x 1"
12 VDC, 110 mA, 16 CFM
Plastic housing, plastic blades (7)
DC brushless, sleeve bearing
5" color coded leads

New

26-449..**$4.95**

12 VDC SLIM LINE



Mfg. - NMB
Mfg.# - 3108NL-04W-B30
Size: 3-1/8" sq x 3/4"
12 VDC, 190 mA, 30 CFM
Brushless, ball bearing
Plastic housing, plastic blades (7)
Two 12" color coded leads

26-444..**$5.95**

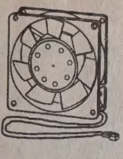
12 VDC

Mfg. - CP INDUSTRIES
Mfg.# - TC8025B12S
Size: 3-1/8" sq. x 15/16"
21 CFM, 12 VDC
95 mA
Plastic housing, plastic blades (7)
Two 4" color coded leads

26-340..**$6.95**

FANS

12 VDC

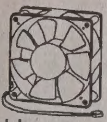


Mfg. - NMB
Mfg.# - 3110KL-04W-B20
Size: 3-1/8"sq x 1"
12 VDC, 140 mA, 2 watt
29 CFM, 2400 RPM, 25 dB
Plastic housing, plastic blades (7)
Two 12" color coded leads

New

26-472.......................................$5.95

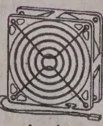
12 VDC



Mfg. - ADDA
Mfg.# - AD0812MS-A70GL
Size: 3-1/8"sq x 1"
12 VDC, 150 mA, 31 CFM, brushless
Plastic housing, plastic blades (7)
Two 4" color coded leads

26-417.......................................$6.95

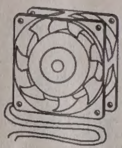
12 VDC TEMPERATURE SENSING FAN



Mfg. - NIDEC
Mfg.# - M33406-16G
Size: 3-1/8" sq x 1"
12 VDC, 290mA, 3.1 watt
43 CFM, ball bearing, 7 blade
Runs maximum speed at 45°C and above. Runs half speed at 25°C and below. Plastic housing, plastic blades. Two 10" color coded leads, a metal fan grill attached.

26-431.......................................$7.95

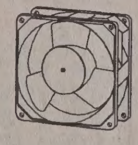
12 VDC



Mfg. - NIDEC
Mfg.# - TA350DC 32300
Size: 3-5/8" sq x 1-1/4"
12 VDC, 330 mA
35 CFM, ball bearing
Plastic housing, plastic blades (7)
Two 12" color coded leads

26-266.......................................$6.95

12 VDC



Mfg. - NIDEC
Mfg.# - B32286-10A
Size: 4-5/8" sq x 1-1/2"
12 VDC, 400 mA, 4.8 watt
95 CFM, plastic housing, plastic blades (3)
Standard terminal hook-up

26-442.......................................$9.95

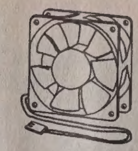
12-28 VDC

Mfg. - COMAIR
ROTRON
Mfg.# - JD24H2
Size: 6-3/4"dia. x 2"
12-28 VDC, 750 mA, 20 watt
235 CFM, ball bearing
Feathered edge for lower noise
Metal housing, plastic blades (5)

New

6-452.......................................$19.95

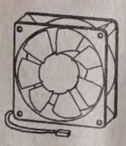
12 VDC



Mfg. - NMB
Mfg.# - 3110NL-04W-B30
Size: 3-1/8" sq x 1"
12 VDC, 140 mA, 1.2 watt
30 CFM, 25dB, DC brushless
Plastic housing, plastic blades (7)
Ball bearing. Two 12" color coded leads

26-439.......................................$5.95

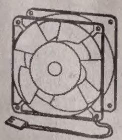
12 VDC



Mfg. - SERVO
Mfg.# - PUDC12B4-901
Size: 3-1/8"sq x 1"
12 VDC, 160 mA, 2 watt
39 CFM, brushless
Plastic housing, plastic blades (7)
Two 4" color coded leads

26-296.......................................$6.95

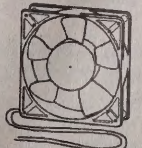
12 VDC



Mfg. - ROTRON, #ST12G6
Size: 3-1/8"sq x 1-1/4"
12 VDC, 120 mA, 1.4 watt
32 CFM
Plastic housing, plastic blades (5)
Two 6" color coded leads.

26-411.......................................$6.95

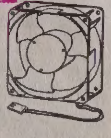
12 VDC



Mfg. - IMC BOXER
Mfg.# - 4710PL-04W-B30
Size: 4-5/8" sq x 1"
12 VDC, 350 mA, 4.2 watt
70 CFM, ball bearing
Plastic housing, plastic blades (5)
Two 6" color coded leads

26-229.......................................$9.95

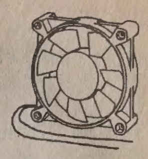
12 VDC TEMPERATURE SENSING FAN



Mfg. - NIDEC, #C33211-71A
Size: 4-5/8" x 1-1/2"
12 VDC
Plastic housing, plastic blades (3)
<28°C 1400 RPM, 270mA, 49 CFM
55°C 3200 RPM, 539mA, 112 CFM

26-446.......................................$9.95

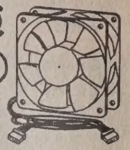
12 VDC



Mfg. - AVANT-GARDE
Mfg.# - AV-825M12S
Size: 3-1/8"sq x 1"
12 VDC, 120mA, 39 CFM
Plastic housing, plastic blades (7)
Two 10" color coded leads.

26-445.......................................$5.95

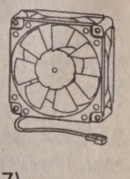
12 VDC CLONE COMPUTER FAN



Mfg. - DELTA, #DFB0812H
Size: 3-1/8" sq. x 1"
12 VDC, 180 mA, 31 CFM
2 watt, brushless, comes with harness to plug into the disk drive cable.
Plastic housing, plastic blades (7)

26-369.......................................$7.95

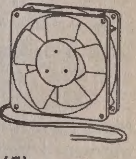
12 VDC



Mfg. - PANASONIC
Mfg.# - FBK-09A12L
Size: 3-5/8"sq x 1"
12 VDC, 100 mA, 96 watt
35.3 CFM, brushless
Plastic housing, plastic blades (7)
Two 3" color coded leads

26-216.......................................$6.95

12 VDC

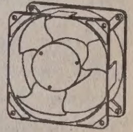


Mfg. - PAPST, #4352LM
Size: 4-5/8"sq x 1-1/4"
12 VDC, 130mA
60 CFM, 1.5 watt
Plastic housing, plastic blades (5)
Two 12" color coded leads

New

26-466.......................................$5.95

12 VDC

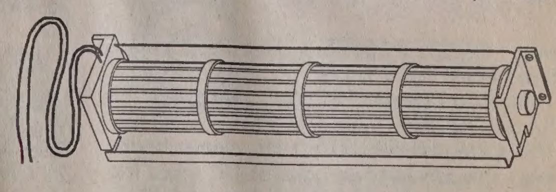


Mfg. - NIDEC
Mfg.# - TA450DC31256
Size: 4-5/8" sq x 1-1/2"
12 VDC, 460 mA, 5.5 watt
112 CFM, 3 blades
Ball bearing, two 3" color coded leads

26-267.......................................$10.95

CROSSFLOW FAN

New

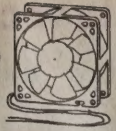


9-3/16" x 1-3/4" x 1-3/4"
Mfg. - HOSIDEN
Operates 12-20 VDC
Excellent for custom cooling of amplifiers through a horizontal slit on mounting board.

26-482.......................................$9.95

FANS

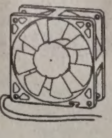
24 VDC



Mfg. - NMB, #3108NL-05W-B30
Size: 3-1/8″ sq x 3/4″
24 VDC, 90 mA
30 CFM, 26dB
Plastic housing, plastic blades (7)
DC brushless, ball bearing
Two 12″ color coded leads

26-441..**$5.95**

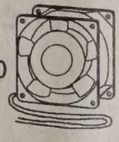
24 VDC



Mfg. - NIDEC, #A33104-16
Size: 3-5/8″sq x 1″
24 VDC, 70mA, 2.6 watt
35 CFM, ball bearing
Plastic housing, plastic blades (7)
Two 12″ color coded leads *New*

26-459..**$5.95**

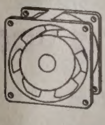
115 VAC



Mfg. - IMC, #3115PS-12W-B30
Size: 3-1/8″sq x 1-1/2″
115 VAC, 9 watt
34 CFM, ball bearing
Metal housing, plastic blades (5) *New*

26-454..**$9.95**

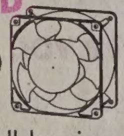
115 VAC



Mfg. - ETRI, #99XM182
Size: 3-5/8″sq x 1″
115 VAC, 65 mA, 6 watt
21 CFM, 1800 RPM, 25 dB
Metal housing, plastic blades (6)
Standard terminal hook-up, ball bearing.

26-426..**$9.95**

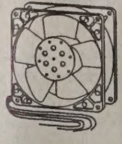
115 VAC HIGH SPEED



Mfg. - ADDA, #AA1281HB
Size: 4-5/8″ sq. x 1-1/2″
115 VAC, 195 mA, 13 watt
100 CFM, 2900 RPM, 41 dB
5 blade, brass sleeve with ball bearings. Individually boxed. Plastic housing, plastic blades. Standard terminal hook-up.

(1-99) (100-up)
26-356........................**$10.95**....**$9.95**

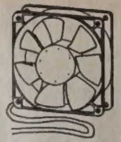
115/230 VAC FAN



Mfg. - PAPST, #4660N
Size: 4-5/8″sq. x 1-1/2″
115 VAC, 173mA; 230 VAC
87mA, 20 watt
106 CFM, 50 dB, 50/60 Hz, sleeve bearing. This fan has two pairs of 12″ wires for hook-up, one for 115 V and one for 230 V. Metal housing, metal blades (5).

26-405.............................**$12.95**

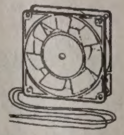
24 VDC



Mfg. - NO NOISE
Mfg.# - F8025S24B
Size: 3-1/8″ sq x 1″
24 VDC, 50 mA, 1.2 watt
28 CFM
Plastic housing, plastic blades (7)
Two 12″ color coded leads

26-427..**$5.95**

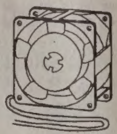
24 VDC



Mfg. - NMB-BOXER
Mfg.# - 3610NL-05W-B59
Size: 3-5/8″ sq. x 1″
24 VDC, 180 mA
Dual speed fan. High speed: 3500 RPM, 56 CFM. Low speed: approx. half. Plastic housing, plastic blades (7). 3 color coded leads.

26-262..**$10.95**

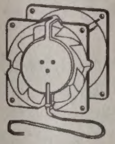
115 VAC



Mfg. - ETRI, #126LF2182
Size: 3-1/8″sq x 1-1/2″
115 VAC, 100 mA, 8 watt
32 CFM, 3200 RPM, 34 dB
Metal housing, plastic blades (5)
Two 12″ color coded leads, sleeve bearing

26-409..**$9.95**

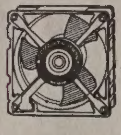
115 VAC



Mfg. - EBM/PAPST
Mfg.# - W2S086-AA07-01
Size: 3-5/8″sq x 1-1/2″
115 VAC, 130 mA, 16 watt
46 CFM, 40 dB
Metal housing, metal blades (9)
Ball bearing, two 11″ leads. *New*
Features air exhaust over struts.

26-471..**$10.95**

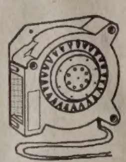
115 VAC WHISPER



Mfg. - COMAIR ROTRON
Mfg.# - WR2M1
Size: 4-5/8″sq x 1-1/2″
115 VAC, 70mA, 7 watt
63 CFM, 2000 RPM
Sleeve bearing
Plastic housing, plastic blades (3) *New*

26-457..**$11.95**

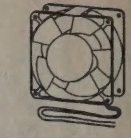
115 VAC BLOWER



Mfg. - PAPST
Mfg.# - RL90-18/00
Size: 4-3/4″ sq. x 1-1/2″
25 CFM, sleeve bearing
Metal housing, plastic blades
Two 12″ leads

26-238..**$5.95**

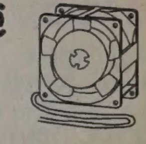
24 VDC



Mfg. - MINEBEA
Mfg.# - 3110PL-05W-B30
Size: 3-1/8″ sq x 1″
24 VDC, 90 mA, 1.9 watt
30 CFM, 26dB
Plastic housing, plastic blades (5)
Two 12″ color coded leads

26-438..**$5.95**

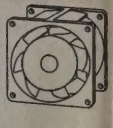
115 VAC



Mfg. - ETRI
Mfg.# - 126LF0182 000
Size: 3-1/8″ sq x 1-1/2″
115 VAC, 130 mA, 8 watt
34 CFM, 3200 RPM, 32 dB
Metal housing, plastic blades (5)
Two 12″ wire hook-up

26-443..**$9.95**

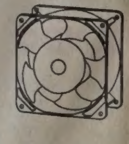
115 VAC



Mfg. - ETRI, #SF11580A
Size: 3-1/8″ sq. x 1-5/8″
115 VAC, 50 mA, 60 Hz, 4 watt
15 CFM, 1550 RPM, 11 dB
Metal housing, plastic blades (7)
Two 12″ leads, sleeve bearing

26-242..**$9.95**

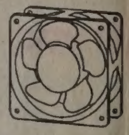
115 VAC



Mfg. - NIDEC
Mfg.# - A30769-10
Size: 4-5/8″sq x 1-1/2″
115 VAC, 124 mA
50 CFM, 12 watt, sleeve bearing
Metal housing, plastic blades (5)
Standard terminal hook-up

26-410..**$10.95**

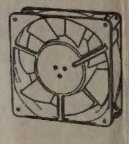
115 VAC



Mfg. - ELINA
Mfg.# - EP123815
Size: 4-5/8″sq x 1-1/2″
115 VAC, 180 mA, 18 watt
105 CFM, 48 dB, 2900 RPM
Ball bearing, standard terminal hook-up
Metal housing, plastic blades (5) *New*

26-478..**$12.95**

115 VAC

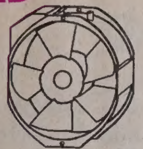


Mfg. - EBM
Mfg.# - W2S115-AA03-39
Size: 5″sq x 1″
115 VAC, 21 watt, 43 dB
127 CFM, sleeve bearing
Metal housing, metal blades (7) *New*
Standard terminal hook-up

26-474...... *High Speed* **$12.95**

FANS • FAN ACCESSORIES

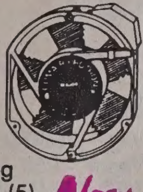
115 VAC HIGH SPEED



Mfg. - ETRI
Mfg.# - 148VP0282-030
Size: 6-3/4" sq. x 1-1/2"
115 VAC, 160 mA, 18 watt
149 CFM, 2100 RPM, 45 dB
Ball bearing
Metal housing, plastic blades (5)

26-281..$19.95

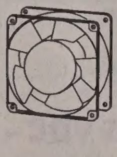
115 VAC



Mfg. - COMAIR ROTRON
Mfg.# - PT2D3
Size: 6-3/4"dia x 2"
115 VAC, 170mA, 30 watt
235 CFM, 50 dB, ball bearing
Metal housing, plastic blades (5) *New*

26-455..$19.95

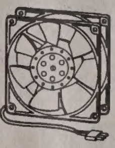
120 VAC



Mfg. - COMMONWEALTH
Mfg.# - FP-108-1-S1
Size: 4-5/8"sq x 1-1/2"
120 VAC, 200 mA, 50/60 Hz
105 CFM, 24 watt
Metal housing, plastic blades (5)
Standard terminal hook-up

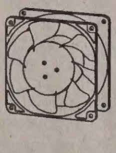
26-412..$12.95

20 VAC
IGH SPEED FAN



Mfg. - EBM, #W2S115-AA01-46
ize: 5"sq x 1-1/2"
20 VAC, 50/60 Hz, 17 watt
121 CFM, 47 dB
Metal housing, metal blades (7)
wo 6" leads
6-414..$12.95

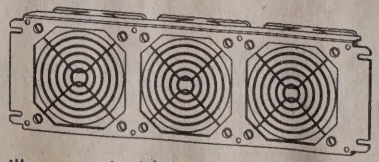
30 VAC



Mfg. - HOWARD
Mfg.# - 3-15-4318
ize: 4-5/8"sq x 1-1/2"
30 VAC, 200 mA, 25 watt
00 CFM, 2550 RPM, 44 dB
Metal housing, plastic blades (7)
tandard terminal hook-up, ball bearing

6-413..$12.95

ACK MOUNT FANS



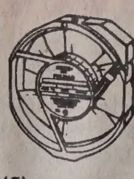
336 CFM

6-1/2" x 5-1/8" x 1-7/8"
6" on mtg centers
eatures three 115 VAC ball bearing fans with fan grills on each side.
36 CFM.

New

6-476..$49.95

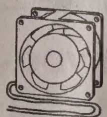
115 VAC



Mfg. - IMC/FULMAR
Mfg.# - 5915PC-12T-B20
Size: 5-9/10" x 6-3/4" x 1-1/2"
115 VAC, 23 watt, 170 CFM
Ball bearing
Metal housing, plastic blades (5)
Standard terminal hook-up

26-306..$19.95

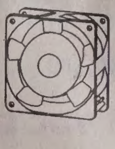
120 VAC



Mfg. - FREDRICK
Mfg.# - FC080B-W3
Size: 3-1/8" sq x 1-1/2"
120 VAC, 120 mA, 9 watt
27 CFM, 50/60 Hz
Metal housing, plastic blades (5)
Ball bearing, two 12" wire hook-up

26-440..$9.95

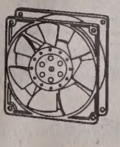
220 VAC



Mfg. - IMC
Mfg.# - 36IOPS-23T-B10
Size: 3-5/8" sq. x 1"
220 VAC, 330 mA, 6 watt
21 CFM, ball bearing
Metal housing, plastic blades (5)
Standard terminal hook-up

26-328..$9.95

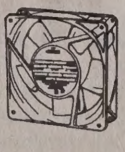
220 VAC



Mfg. - TOBISHI (PAPST)
Mfg.# - 3650K
Size: 5"sq x 1-1/2"
220 VAC, 15 watt
125 CFM, ball bearing
Metal housing, plastic blades (7)
Standard terminal hook-up *New*

26-462..$12.95

230 VAC



Mfg. - IMC
Mfg.# - 4715FS-23T-B50
Size: 4-5/8"sq x 1-1/2"
230 VAC, 900 mA, 14 watt
110 CFM, ball bearing
Metal housing, plastic blades (5)
Standard terminal hook-up

26-424..$10.95

WIRE FAN GRILL

Chrome plated

26-177	2-3/8" sq.	$1.25
26-186	3-1/8" sq.	$1.25
26-188	3-5/8" sq.	$1.25
43-109	4-5/8" sq.	$1.25
26-286	6" round	$2.35

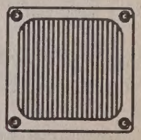
PLASTIC FAN GRILLS

For 3-1/8" square fan with 2.81" mounting holes.
43-104..$1.25

For 3-5/8" square fan with 3.245" mounting holes.
26-187..$1.25

For 4-5/8" square fan with 4.125" mounting holes.
26-185..$1.25

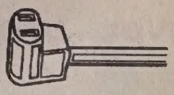
4-5/8" FAN FILTER SCREEN



Maximum flow. Tightly woven aluminum corrugated mesh screen in an aluminum frame. Solvent and degreaser washable.

26-184..$3.75

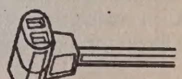
FAN CORD



Black fan cord with molded plug mate our fans with standard terminal hook-up.

26-285	1ft	$ .75
26-428	2ft	$1.25

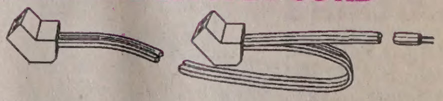
FAN CORD



2 ft. long black fan cords with molded plug mates our fans with standard terminal hook-up.

43-110..$1.25

DAISY CHAIN FAN CORD

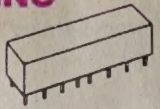


4ft black, 45° style, accomodates 2 fans with 19" between outlets and 2-1/2ft between last outlet and end.

26-429..$1.99

RELAYS

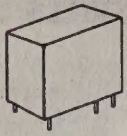
1.5 VDC - 4PDT DOUBLE WINDING LATCHING



Mfg. - TAKAMISAWA
Mfg.# - RA4L-D1.5W-K
1-3/8" x 3/8" x 3/8"
Contact current: 24 VDC @ 1 amp resistive
2 amp max.
Coil resistance: 12.5 ohms

45-408..**$1.49**

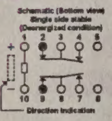
5 VDC - SPDT DIP

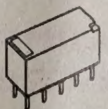


Mfg. - AROMAT
Mfg.# - HB1E-DC5V
3/4" x 7/16" x 5/8"
Contact current: 2 amp @ 30 VDC
Coil resistance: 69 ohm

45-411..**$ .79**

5 VDC - DPDT

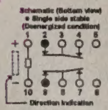

Schematic (Bottom view)
Single side stable
(Deenergized condition)
1 2 3 4 5
+
−
10 9 8 7 6
Direction indication

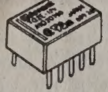


Mfg. - AROMAT
Mfg.# - TF2E-5V
9/16" x 3/8" x 1/4"
Contact current: 1 amp @ 30 VDC
Coil resistance: 312 ohm
Polarized - magnetically shielded *New*

45-523..**$1.49**

5VDC - DPDT

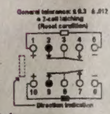

Schematic (Bottom view)
Single side stable
(Deenergized condition)
1 2 3 4 5
10 9 8 7 6
Direction indication

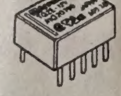


Mfg. - AROMAT
Mfg.# - TQ2E-5V
9/16" x 5/16" x 3/16"
Contact current: 1 amp @ 30 VDC
Coil resistance: 178 ohms
Ultra small polarized relay

45-494..**$1.49**

5 VDC - DPDT 2 COIL LATCHING


General tolerance: ±0.3 ±.012
2-coil latching
(Reset condition)
1 2 3 4 5
+
−
10 9 8 7 6
Direction indication



Mfg. - AROMAT
Mfg.# - TQ2E-L2-5V
13/16" x 3/8" x 3/16"
Contact current: 1 amp @ 30 VDC
Coil resistance: 125 ohms
Ultra-small polarized relay
45-362..**$1.49**

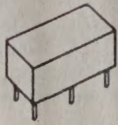
5 VDC N.C. SIP

Magnecraft

Mfg. - MAGNECRAFT
Mfg.# - 117SIP-33
3/4" x 1/4" x 1/4"
Contact current: 1 amp
Coil resistance: 500 ohm
1 form B with diode, normally closed.

45-445..**$ .99**

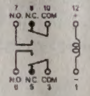
5 VDC - SPDT MINIATURE

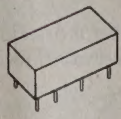


Mfg. - SIEMANS
Mfg.# -
V23026-A1001-B201
1/2" x 5/16" x 1/4"
Contact current: 1 amp
Coil resistance: 370 ohms
Monostable, one winding

45-389..**$1.25**

5 VDC DPDT MINI DIP

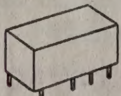

7 8 10 12
NO NC COM +
NO NC COM
6 5 3 1



Mfg. - AROMAT
Mfg. - DF2E-DC5V
5/8" x 3/8" x 1/4"
Contact current: 1 amp @ 30 VDC
Coil resistance: 125 ohms
Highly sensitive mini dip

45-485..**$2.49**

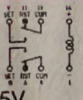
5 VDC DPDT DIP



Mfg. - TAKAMISAWA
Mfg.# - RY-5WF-K
3/4" x 3/8" x 1/2"
Contact current: 1 amp @ 24 VDC
Coil resistance: 45 ohm *New*

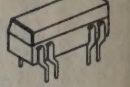
45-502..**$1.95**

5 VDC - DPDT LATCHING 1 COIL


SET RST COM
SET RST COM

Mfg. - AROMAT
Mfg.# - DS2E-ML-DC5V
3/4" x 3/8" x 3/8"
Contact current: 2 amp @ 30 VDC
Coil resistance: 139 ohm
Operating power: 400 mW
Dip relay can be used with 16 pin dip socket.
45-449..**$2.49**

5 VDC - SPST



Mfg. - AROMAT
Mfg.# - DA1a-5V-H1
Dip pack for 14 pin socket
Contact current: 10 vA
Coil resistance: 280 ohms

45-377..**$1.25**

5 VDC - SPDT

Mfg. - FUJITSU
Mfg.# - FBR-111U D005
7/8" x 3/4" x 5/8"
Contact current: 3 amp @ 28 VDC/
120 VAC
Coil resistance: 50 ohm
PC terminals, sealed relay

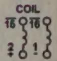
45-513..**$ .89**

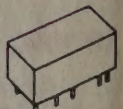
5 VDC - DPDT DIP

Mfg. - TAKAMISAWA
Mfg.# - RY5D-K
3/4" x 1/2" x 3/8"
Contact current: .3 amp @ 120 VAC
Coil resistance: 55 ohms

45-493..**$1.75**

5 VDC - DPDT DUAL COIL LATCHING

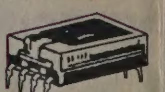




Mfg. - MIDTEX
Mfg.# - 327-21E200
3/4" x 3/8" x 5/16"
Contact current: 2 amp
Coil resistance: 70 ohms

45-345..**$2.25**

5 VDC - DPDT FLATPACK



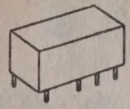
Mfg. - AROMAT
Mfg.# - NC2D-JP-DC5V
1" sq x 7/16"
Contact current: 5 amp @ 250 VAC
Coil resistance: 69.4 ohms

45-368..**$2.49**

RELAYS

5 VDC DPDT

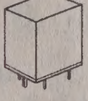
New



Mfg. - GRUNER
Mfg.# - X002A-G0005H
13/16" x 3/8" x 3/8"
Contact current: 2 amp @ 30 VDC
Coil resistance: 45 ohm

45-506..**$1.95**

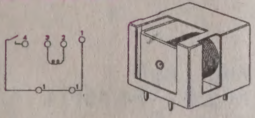
6 VDC - SPDT



Mfg. - FUJITSU
Mfg.# - FBR-111NC D006
7/8" x 3/4" x 5/8"
Contact current: 3 amp @ 28 VDC/
120 VAC
Coil resistance: 72 ohm
PC terminals

45-514..**$ .89**

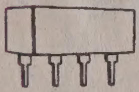
12 VDC - SPST N.O.



Mfg. - FUJITSU
Mfg.# - FRL-270D012/01AD
7/8" x 3/4" x 13/16"
Contact current: 30 AMP
Coil resistance: 85 ohms

45-488..**$2.49**

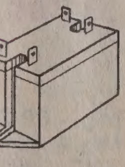
12 VDC - SPST N.O.



Mfg. - GORDOS
3/4" x 1/4" x 1/4"
Sip pack
Contacts rated: 10 W max, 200 VDC max, switch .5A, carry 1.5A
Coil resistance: 1500 ohm, 12 VDC must pull-in = 9.6V, must drop-out 1.2V
Normal coil voltage: 9.6-12 VDC

45-191..**$ .79**

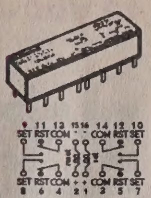
12 VDC - SPST N.O.



Mfg. - AROMAT
Mfg.# - JH1a-W-DC12V-Q
2" x 1-1/4" x 1-3/8"
Contact current: 30 amp @ 270 VAC.
1 HP 125 VAC, 2 HP 250 VAC.
Coil resistance: 75 ohm

45-429..**$2.99**

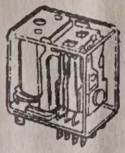
5 VDC LATCHING 2 COIL 4 FORM C



Mfg. - AROMAT
Mfg.# - DS4E-SL2-DC5
1-3/8" x 3/8" x 3/8"
Contact current: 2 amp @ 30 VDC
Coil resistance: 139 ohm

45-253..**$3.50**

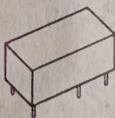
6 VDC - 4PDT



Mfg. - GOULD
Mfg.# - TS154X-1209
1-1/8" x 3/4" x1-1/8"
Contact current: 2 amp @ 28 VDC
Coil resistance: 250 ohm

45-300..**$1.99**

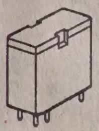
12 VDC - SPST N.O.



Mfg. - AROMAT
Mfg.# - DK1aE-12V
3/4" x 1/2" x 3/8"
Contact current: 10 amp @ 250 VAC
Coil resistance: 720 ohm

45-459..**$2.99**

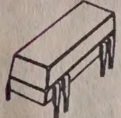
12 VDC - SPST N.O.



Mfg. - AROMAT
Mfg.# - JR1aF-DC12V
1-1/8" x 1/2" x 1-1/8"
Contact current: 16 amp @ 277 VAC, 30 VDC. 1/2 HP 125 VAC.
Coil resistance: 270 ohm

45-469..**$2.49**

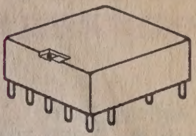
12 VDC - SPST - N.O. DIP REED



Mfg. - GORDOS
Mfg.# - 831A-5
3/4" x 1/4" x 1/4"
Contact current: .5 amp
Coil resistance: 100 ohms
8 pin dip dry-reed relay

45-363..**$ .99**

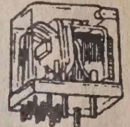
5 VDC - 4PDT



Mfg. - AROMAT
Mfg.# - NF4EB-5V
1-1/8" x 1" x 7/16"
Contact current: 2 amp @ 30 VDC
Coil resistance: 53 ohms

45-407..**$2.99**

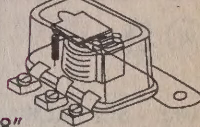
6 VDC - 4PDT



Mfg. - OMRON
Mfg.# - MY04-02-VH
1-3/8" x 1" x 3/4"
Contact current: 5 amp @ 240 VAC
Coil resistance: 40 ohm

45-358..**$2.49**

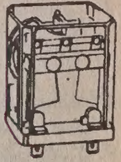
12 VDC - SPST N.O.



2-3/8" x 1-1/4" x 1-3/8"
on mounting flange.
Automotive style with clear dome.
Contact current: 11 amp @ 12 VDC
Coil resistance: 40 ohm

45-468..**$ .99**

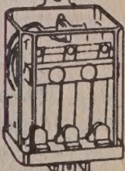
12 VDC - SPST N.C.



Mfg. - MIDTEX
Mfg.# - 188-25B200
1-1/2" x 1-3/8" x 1-7/8"
Contact current: 30 amp @ 277 VAC/
28 VDC
Coil resistance: 125 ohm

45-452..**$4.99**

12 VDC - SPST N.C.

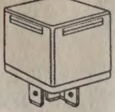


Mfg. - MIDTEX
Mfg.# - 157-35B300
1-3/8" x 1-1/2" x 2"
Contact current: 15 amp @
120 VAC. Coil resistance: 120 ohm
With mounting flange

45-477..**$4.95**

RELAYS

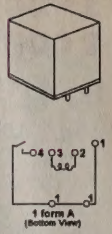
12 VDC SPST N.C. POWER RELAY



Mfg. - BOSCH
Mfg.# - 0 332 104 001
1"sq x 1"
SPST, 12 VDC @ 20 amp
Coil resistance: 80 ohm

45-495..$ .99

12 VDC - SPST - N.O.



Mfg. - FUJITSU
Mfg.# - FRL-270-N D012/01AD
7/8"sq x 3/4"
Max contact current: 30 amp
Coil resistance: 85 ohm
PC mount, immersion cleanable

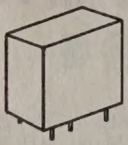
45-521..$1.99

12 VDC - SPDT

Mfg. - AROMAT
Mfg.# - HA1E-DC12V
1" x 9/16" x 11/16"
Contact current: 3 amp @ 30 VDC
Coil resistance: 400 ohms

45-406..$1.49

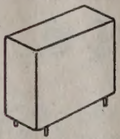
12 VDC - SPDT



Mfg. - CORNWELL
DUBILIER
Mfg.# - 601-106S
1-1/4" x 3/4" x 1-1/8"
Contact current: 3 amp
Coil resistance: 1280 ohm

45-256..$1.50

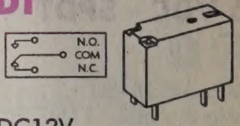
12 VDC - SPDT



Mfg. - AROMAT
Mfg.# - JY1J-DC12V
7/8" x 7/16" x 7/8"
Contact current: 10 amp @ 125 VAC
Coil resistance: 360 ohm

45-474..$1.89

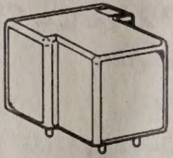
12 VDC - SPDT



Mfg. - AROMAT
Mfg.# - JW1FHN-DC12V
1-1/8" x 1/2" x 3/4"
Contact current: 10 amp @ 277 VAC
10 amp @ 30 VDC
Coil resistance: 270 ohm

45-446..$2.50

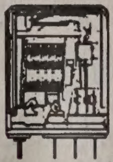
12 VDC - SPDT



Mfg. - SCHRACK
Mfg.# - TD413012
1-1/4" x 1-1/16" x 3/4"
Contact current: 10 amp @ 240 VAC
Coil resistance: 150 ohm

45-464..$2.99

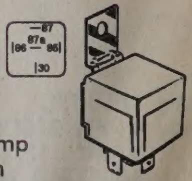
12 VDC - SPDT



Mfg. - AROMAT
Mfg.# - HL1-HP-DC12V
1" x 13/16" x 1-3/8"
Contact current: 10 amp @ 30 VDC
Coil resistance: 160 ohm

45-435..$3.49

12 VDC 40 AMP POWER

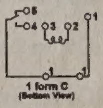


Mfg. - P&B
Mfg.# - VF4-45F11
1" sq x 1"
SPDT, 12 VDC @ 40 amp
Coil resistance: 90 ohm
With bracket

	(1-99)	(100-up)
45-287	$3.50	$3.25

12 VDC - SPDT

Mfg. - FUJITSU
Mfg.# - FRL-270-N D012/041CD
7/8"sq x 3/4"
Max contact current: 30 amp
Coil resistance: 85 ohm
PC mount, immersion cleanable



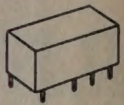
45-522..$2.25

12 VDC - SPDT

Mfg. - FUJITSU
Mfg.# - FBR-161SE D012U
5/8" x 7/8" x 7/8"
Contact current: 3 amp @ 28 VDC/
120 VAC
Coil resistance: 320 ohm
PC terminals

45-515..$ .99

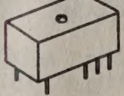
12 VDC DPDT DIP



Mfg. - NEC
Mfg.# - MR62-12USR
3/4" x 7/16" x 3/8"
Contact current: 2 amp @ 30 VDC
Coil resistance: 278 ohms

45-496..$2.49

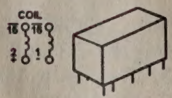
12 VDC - DPDT LATCHING



Mfg. - TAKAMISAWA
Mfg.# - RZL-12-C
13/16" x 3/8" x 7/16"
Contact current: 2 amp
Coil resistance: 52 ohms

45-248..$2.50

12 VDC - DPDT DUAL COIL LATCHING



Mfg. - MIDTEX
Mfg.# - 327-21B200
13/16" x 3/8" x 5/8"
Contact current: 2 amp
Coil resistance: 400 ohms

45-344..$2.25

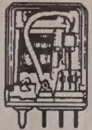
12 VDC - DPDT DIP

Mfg. - CP CLARE
Mfg.# - LM44D00
3/4" x 3/8" x 3/8"
Contact current: 2 amp @ 30 VDC
Coil resistance: 960 ohms

45-492..$2.49

RELAYS

12 VDC - DPDT

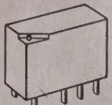


(UL) (SP)

Mfg. - FUJITSU
Mfg.# - FRL-264 D012/02CK
1-1/4" x 1" x 3/4"
Contact current: 10 amp @ 30 VDC/ 240 VAC
Coil resistance: 160 ohm
PC terminals

45-516..**$3.49**

18 VDC - DPDT

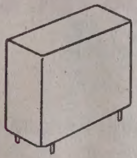


(UL) (SP)

Mfg. - FUJITSU
Mfg.# - FBR-621N D018
1" x 1-1/8" x 1/2"
Contact current: 6 amp @ 30 VDC/ 240 VAC
Coil resistance: 640 ohm
PC terminals, sealed relay

45-517..**$ .99**

24 VDC - SPST

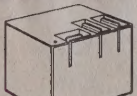


(UL) (SP)

Mfg. - TAKAMISAWA
Mfg.# - VS-24MB
1-1/8" x 15/16" x 1/2"
Contact current: 1 amp @ 30 VDC
Coil resistance: 820 ohms

45-369..**$1.49**

24 VDC - SPDT

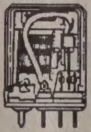


(UL) (SP)

Mfg. - P&B
Mfg.# - T91R5D22-24-01
1-1/4" x 1-1/16" x 1-1/16"
Contact current:
N.O. - 20 amp @ 240 VAC
N.C. - 10 amp @ 240 VAC
Coil resistance: 660 ohms

45-480..**$1.95**

24 VDC - SPDT

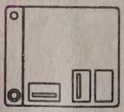


(UL) (SP)

Mfg. - FUJITSU
Mfg.# - FRL-264 D024/01CK
1-1/4" x 1" x 3/4"
Contact current: 15 amp @ 30 VDC/ 240 VAC
Coil resistance: 650 ohm
PC terminals

45-518..**$1.99**

15 VDC - SPST N.O.

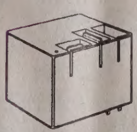


(UL) (SP)

Mfg. - AMERICAN ZETTLER
Mfg.# - AZ2100-1A-15D
1-1/4" x 1-1/8" x 1-1/8"
Contact current: 30 amp
Coil resistance: 275 ohms

45-356..**$1.99**

24 VDC - SPST-N.O.

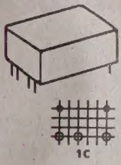


(UL) (SP)

Mfg. - P&B
Mfg.# - T91S1D22-24
1-1/4" x 1-1/16" x 1-1/16"
Contact current: 30 amp @ 240 VAC
Coil resistance: 660 ohms

45-482..**$3.25**

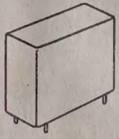
24 VDC - (2) SPST LATCHING



Mfg. - POTTER & BRUMFIELD
Mfg.# - JRML-1011
1-1/8" x 5/8" x 7/16"
Contact current: 10 volt amps
Coil resistance: 2,550 ohm

45-136..**$2.49**

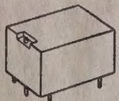
24 VDC - SPDT



Mfg. - AROMAT
Mfg.# - JY1J-DC24V
7/8" x 7/16" x 7/8"
Contact current: 10 amp @ 125 VAC
Coil resistance: 1440 ohms

45-472..**$1.89**

24 VDC SPDT

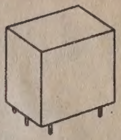


Mfg. - FUJITSU
Mfg.# - FBR161NED024
7/8" x 5/8" x 5/8"
Contact current: 3 amp @ 28 VDC
Coil resistance: 1600 ohm

(UL)

45-505................................*New* **$1.25**

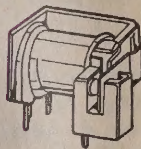
15 VDC SPDT



Mfg. - FUJITSU
Mfg.# - FBR111SUD015
3/4" x 7/8" x 5/8"
Contact current: 3 amp @ 28 VDC
Coil resistance: 470 ohm

45-504................................*New* **$ .89**

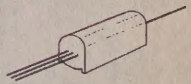
24 VDC - SPST N.O.



Mfg. - AROMAT
Mfg.# - JT1a-DC24V
1-1/4" x 1" x 3/4"
Contact current: 30 amp @ 250 VAC
Coil resistance: 660 ohm

45-457..**$1.99**

24 VDC - SPST N.O. HIGH VOLTAGE REED

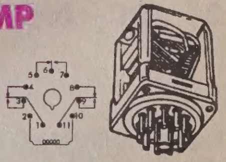


(UL)

Mfg. - COTO
Mfg.# - CR4031-24
3/8" dia. x 7/8" body with 3/4" leads
N.O., SPST, 24 VDC mercury wetted mini reed relay switch. 500 VDC @ 500 mA max.

45-242..**$1.49**

24 VDC 10 AMP SPDT

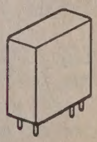


(UL) (SP)

Mfg. - GUARDIAN
Mfg.# - A410-867167-138, 141S series
2" x 1-3/8" x 1-3/8"
3PDT, 24 VDC, 470 ohms
Radio type plug mount. Switch automated devices, communications equipment and experimental use. 11 pin. Octal relay.

45-448..**$4.95**

24 VDC - DPST N.O.

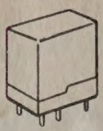


Mfg. - AMERICAN ZETTLER
Mfg.# - AZ2732-560-4
1-1/16" x 1" x 7/16"
Contact current: 8 amp @ 24 VDC/115 VAC
Coil resistance: 740 ohm

45-320..**$2.49**

RELAYS

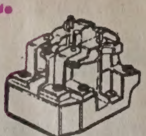
24 VDC - DPST N.O.



Mfg. - AROMAT
Mfg.# - JC2a-DC24V
1-1/4" x 3/4" x 1-1/4"
Contact current: 5 amp @ 250 VAC/30 VDC
Coil resistance: 600 ohm

45-428..**$2.49**

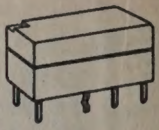
24 VAC - DPST N.C.



Mfg. - STRUTHERS DUNN
Mfg.# - 425XXB
2-1/2" x 3-1/4" x 2-1/2"
Contact current: 30 amp 120/240 VAC
Coil resistance: 8.6 ohm

45-306..**$4.95**

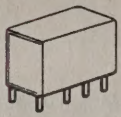
24 VDC - DPDT



Mfg. - FUJITSU
Mfg.# - FBR244D005/02CS
3/4" x 3/8" x 3/8"
Contact current: 1 amp @ 28 VDC
Coil resistance: 50 ohms

45-399..**$1.25**

24 VDC - DPDT DIP



Mfg. - NEC
Mfg.# - MR62-24S
3/4" x 7/16" x 3/8"
Contact current: 2 amp @ 30 VDC
Coil resistance: 100 ohm

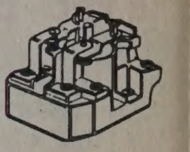
45-455..**$ .75**

24 VDC - DPDT

Mfg. - ALLIED CONTROL
Mfg.# - TG163-4C
1-1/8" x 3/4" x 1-1/8"
Contact current: 2 amp @ 24 VDC
Coil resistance: 1275 ohms

45-410..**$2.95**

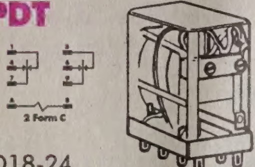
24 VDC DPDT



Mfg. - POTTER
BRUMFIELD
Mfg.# - PRD11DY0
3-1/2" x 2-1/2" x 2-1/4"
Contact current: 25 amp @ 240 VDC
Coil resistance: 288 ohm

45-508..**$9.95**

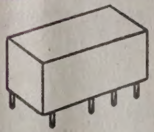
24 VDC - DPDT



Mfg. - P&B
Mfg.# - KUMP11D18-24
2" x 1-1/2" x 1-3/8"
Contact current: 15 amp @ 277 VAC
Coil resistance: 472 ohms

45-490..**$4.95**

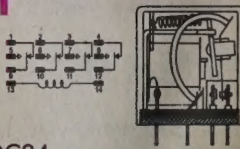
24 VDC - DPDT DIP



Mfg. - HASCO
Mfg.# - HS1212-24
13/16" x 3/8" x 1/2"
Contact current: 2 amp @ 30 VDC
Coil resistance: 2880 ohms

45-367..**$1.49**

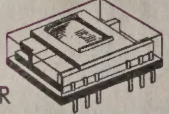
24 VDC 4PDT



Mfg. - AROMAT
Mfg.# - HC4-HP-DC24
1-3/8" x 1-1/16" x 13/16"
Contact current: 5 amp @ 125 VAC
Coil resistance: 650 ohm

45-510.............................*New*...**$2.99**

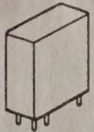
24 VDC - 6PDT FLAT PACK



Mfg. - AMERICAN ZETTLER
Mfg.# - AZ7P-E-6C-24D
1-1/4" x 1-3/8" x 7/16"
Contact current: 2 amp @ 30 VDC, 50 VAC. Coil resistance: 500 ohm

45-437..**$2.75**

48 VDC - DPST N.O.



Mfg. - AROMAT
Mfg.# - JR1aF-DC48V
1-1/8" x 1/2" x 1-1/8"
Contact current: 16 amp @ 277 VAC/ 30 VDC. 1/2 HP 125 VAC, 250 VDC.
Coil resistance: 4,350 ohm

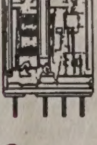
45-432..**$1.49**

120 VAC - SPST - N.O.

Mfg. - DELTROL
Mfg.# - 265F
1-1/2" x 1-1/4" x 2"
Contact current: 5 amp @ 120 VAC
Coil resistance: 2200 ohms

45-376..**$1.95**

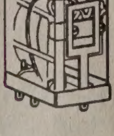
110 VDC - SPDT



Mfg. - FUJITSU
Mfg.# - FRL263D110/01CS
1-1/4" x 1" x 3/4"
Contact current: 5 amp @ 30 VDC, 120 VAC
Coil resistance: 13,300 ohm

45-324..**$3.49**

115 VAC - SPDT



Mfg. - SCHRACK
Mfg.# - RM102615
2" x 1-1/2" x 1-3/8"
Contact current: 16 amp @ 380 VAC
Coil resistance: 2,000 ohms

45-489..**$3.95**

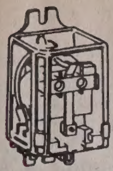
120 VAC - SPDT

Mfg. - OMRON
Mfg.# - LC1-C-E-US
7/8" x 3/4" x 1"
Contact current: 3 amp @ 120 VAC,
28 VDC
Coil resistance: 7.2K ohm

45-397..**$1.99**

RELAYS

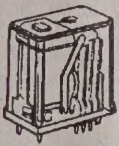
120 VAC - SPDT



Mfg. - MAGNECRAFT
Mfg.# - W388CQX-2
2" x 1-3/8" x 1-1/2"
Contact current: 13 amp @ 120 VAC/ 28 VDC
Coil resistance: 120 ohms

45-511........................*New* **$4.95**

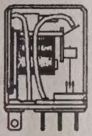
115 VAC - DPDT



Mfg. - AROMAT
Mfg.# - H2L-P-AA115V
1-1/4" x 1" x 3/4"
Contact current: 10 amp @ 30 VDC
Coil resistance: 11,000 ohm

45-327..**$4.95**

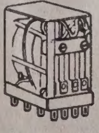
120 VAC - DPDT



Mfg. - OMRON
Mfg.# - LY2N-UA-AC120
1-3/8" x 13/16" x 1"
Contact current: 10 amp @ 24 VDC
Coil resistance: 390 ohm

45-475..**$4.95**

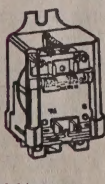
110 VDC - 4PDT



Mfg. - FUJITSU
Mfg.# - FRL-263 D110/04CV
1-1/4" x 1" x 3/4"
Contact current: 5 amp @ 30 VDC/ 120 VAC
Coil resistance: 13.3K ohm
.1" solder, plug in type

45-519........................*New* **$6.95**

208 VAC - DPST N.O.



Mfg. - MIDTEX
Mfg.# - 187-36M6V1
1-1/2" x 1-3/8" x 1-7/8"
Contact current: 25 amp @ 277 VAC
Coil resistance: 36,000 ohm

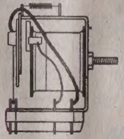
45-433..**$4.95**

120 VAC - DPST

Mfg. - GUARDIAN
Mfg.# - A410-367263-103
1-1/8" x 1-1/16" x 13/16"
Contact current: 15 amp resistive @ 120 VAC
Coil resistance: 3900 ohm

45-263..**$2.50**

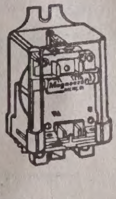
120 VAC - DPDT



Mfg. - SIGMA
Mfg.# - 50FK2-120AC
1-1/4" x 1-1/8" x 1-3/4"
Contact current: 5 amp @ 28 VDC/120 VAC
Coil resistance: 2,200 ohm

45-467..**$2.25**

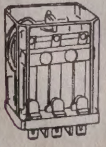
120 VAC DPDT



Mfg. - MAGNECRAFT
Mfg.# - W389ACX-9
2" x 1-3/8" x 1-1/2"
Contact current: 25 amp @ 300 VAC
Coil resistance: 1660 ohm

45-503........................*New* **$6.95**

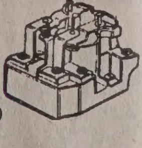
120 VAC - 3PDT



Mfg. - MIDTEX
Mfg.# - 157-23T2L0
1-3/8" x 1-1/2" x 2"
Contact current: 10 amp @ 120 VAC
Coil resistance: 1,700 ohm
Neon light on indicator

45-476..**$5.95**

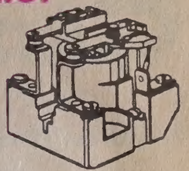
240 VAC - DPST



Mfg. - POTTER & BRUMFIELD
Mfg.# - PRD7AG2-240
2-1/2" x 2-1/2" x 2-1/4"
Contact rating: 30 amp @ 240 VAC
10 amp @ 600 VAC
Coil resistance: 1170 ohm

45-331..**$9.95**

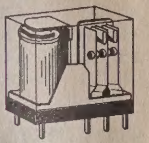
120 VAC DPST-N.O. POWER RELAY



Mfg. - P&B
Mfg.# - PRD7AG0-120
2-1/2" x 2-1/2" x 2"
Contact current: 30 amp @ 240 VAC
Coil resistance: 290 ohm

45-509........................*New* **$9.95**

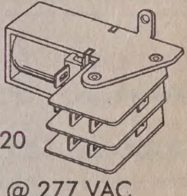
120 VAC - DPDT



Mfg. - OMRON
Mfg.# - G2R-217P-V-US-120VAC
1-1/8" x 1" x 1/2"
Contact current: 5 amp @ 250 VAC
Coil resistance: 6500 ohm, 5 amp @ 30 VDC

45-250..**$2.49**

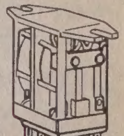
120 VAC DPDT



Mfg. - POTTER BRUMFIELD
Mfg.# - S86R11A1B1D1120
2-3/8" x 1-7/8" x 1"
Contact current: 20 amp @ 277 VAC
Coil resistance: 800 ohm
1/4" quick-connect/solder terminals

45-507........................*New* **$4.95**

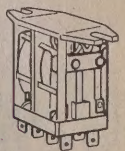
120 VAC - 3PDT



Mfg. - FUJITSU
Mfg.# - FRL-263A120/03CS
1-3/8" x 1" x 7/8"
Contact current: 5 amp @ 30 VDC
Coil resistance: 4400 ohms
Flange mount

45-486..**$3.99**

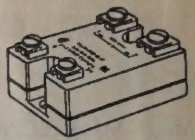
240 VAC - DPDT



Mfg. - FUJITSU
Mfg.# - FRL-261 A240/02CK-OE
1-1/4" x 1-1/8" x 3/4" w/ bracket case
Contact current: 10 amp @ 30 VDC/ 240 VAC
Coil resistance: 14K ohm
.18" blade terminals

45-520........................*New* **$4.95**

Continental
Industries, Inc.



DC-AC PANEL MOUNT POWER RELAYS

Features: •Photo isolation •600V blocking voltage •4000V isolation voltage •Built-in snubber •High surge capability

S505-OSJ600 Series AC Control Models

Part#	Output Voltage Range	Output Current Rating	1 Cycle Surge Rating	Turn-On Time	Turn-Off Time	Control Voltage	Turn-On Voltage	Turn-Off Voltage	Operating Temperature	Price
45-413	24-330 VAC	10 Amp	100 Amp	1/2 Cycle	1/2 Cycle	90 to 280 VAC	90 VAC/DC (max.)	20 VAC/DC (min.)	-40 to +100ºC	$14.48
45-414	24-330 VAC	25 Amp	250 Amp	1/2 Cycle	1/2 Cycle	90 to 280 VAC	90 VAC/DC (max.)	20 VAC/DC (min.)	-40 to +100ºC	17.01
45-415	24-330 VAC	40 Amp	650 Amp	1/2 Cycle	1/2 Cycle	90 to 280 VAC	90 VAC/DC (max.)	20 VAC/DC (min.)	-40 to +100ºC	23.17
45-416	24-330 VAC	75 Amp	950 Amp	1/2 Cycle	1/2 Cycle	90 to 280 VAC	90 VAC/DC (max.)	20 VAC/DC (min.)	-40 to +100ºC	33.14

S505-OSJ600 Series DC Control Series

Part#	Output Voltage Range	Output Current Rating	1 Cycle Surge Rating	Turn-On Time	Turn-Off Time	Control Voltage	Turn-On Voltage	Turn-Off Voltage	Operating Temperature	Price
45-417	24-330 VAC	10 Amp	100 Amp	1/2 Cycle	1/2 Cycle	3 to 32 VDC	3 VDC (max.)	1 VDC (min.)	-40 to +100ºC	$9.95
45-418	24-330 VAC	25 Amp	250 Amp	1/2 Cycle	1/2 Cycle	3 to 32 VDC	3 VDC (max.)	1 VDC (min.)	-40 to +100ºC	14.75
45-419	24-330 VAC	40 Amp	650 Amp	1/2 Cycle	1/2 Cycle	3 to 32 VDC	3 VDC (max.)	1 VDC (min.)	-40 to +100ºC	20.94
45-420	24-330 VAC	75 Amp	950 Amp	1/2 Cycle	1/2 Cycle	3 to 32 VDC	3 VDC (max.)	1 VDC (min.)	-40 to +100ºC	30.42

DC-DC 0-100 VDC OUTPUT

Features: •2500V isolation •High surge rating •Compatible with most logic systems •Wide control range

RSDC-DC-100 Series

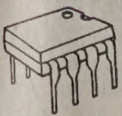
Part#	Output Voltage Range	Output Current Rating	1 Cycle Surge Rating	Turn-On Time	Turn-Off Time	Control Voltage	Turn-On Voltage	Turn-Off Voltage	Operating Temperature	Price
45-421	0-100 VDC	8 Amp	20 Amp	100μs	100μs	3.5 to 32 VDC	3.5 VDC	1 VDC	-40 to +100ºC	$27.42
45-422	0-100 VDC	12 Amp	30 Amp	100μs	100μs	3.5 to 32 VDC	3.5 VDC	1 VDC	-40 to +100ºC	30.42
45-423	0-100 VDC	20 Amp	60 Amp	100μs	100μs	3.5 to 32 VDC	3.5 VDC	1 VDC	-40 to +100ºC	34.50
45-424	0-100 VDC	40 Amp	120 Amp	100μs	100μs	3.5 to 32 VDC	3.5 VDC	1 VDC	-40 to +100ºC	44.13

OPTOMOS® AC/DC SOLID STATE

Mfg. - CP CLARE, #LCB110
1B contact form. Normally closed
Blocking voltage: 350V
Load current: 120 mA. Control current: 5 mA
On resistance: 35 ohm

45-403..**$1.50**

MULTIPURPOSE SOLID STATE RELAY



Mfg. - SGS THOMSON
Mfg.# - LH1061AB
DPST, N.O.
1.5 volt turn-on. Can switch two separate loads up to 200V each at currents up to 200 mA. Comes with specs.

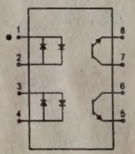
45-340..**$1.50**

SOLID STATE MODULE

Mfg. - TELEDYNE, #SSPC76D1-1
Dip pack, Input: 9-60 VDC
Output: 5 VDC

45-338..**$3.75**

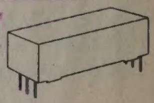
SOLID STATE CURRENT SENSOR

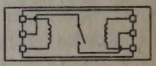


Mfg. - CP CLARE
Mfg.# - LDA200
2 sensors. 100% current transfer ratio.
V_{SAT} (V): .3, BV_{CEO}(V): 50.
100 mA continuous load rating. Ideal for telecommunication, instrumentation circuits and industrial controls where input to output electrical isolation is desired.

LDA200..**$2.99**

SPST - N.O. TELEPHONE LINE SENSE RELAY





Mfg. - TELTONE
Mfg.# - M-949
1-1/8" x 3/8" x 3/8"
Coil resistance: 20 ohms
Contact Current: 500 mA
When connected to the voice telephone lines it closes when the phone is picked up. This can be used to control monitoring (recording) of phone lines.

- Senses telephone line current from 18 to 126 mA.
- Achieves 63 dB min longitudinal balance.
- 1500 VDC coil to contact isolation
- RFI shielding

Comes with complete specifications.

45-447..**$3.89**

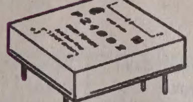
SOLID STATE RELAYS

2 AMP SOLID STATE

Mfg. - OPTO 22
Mfg.# - P240D2
1-3/8" x 1-1/2" x 5/16"
Control voltage: 3-32 VDC
Load: 2 amp @ 120-240 VAC
Zero voltage turn on

45-394..**$4.75**

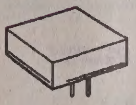
2 AMP SOLID STATE



Mfg. - MOTOROLA
Mfg.# - P240D2
1-3/8" x 1-1/2" x 3/8"
Control voltage: 3.6-6 VDC
Load: 2 amp @ 24-240 VAC
Zero voltage switching
Dip pack

45-426..**$4.75**

2.5 AMP SOLID STATE

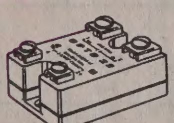


Mfg. - GRAYHILL Ⓤ Ⓢ
1" x 1-1/4" x 1/2"
Nominal load: 24 VAC
Load Range: 10-50 VAC
Max load: 2.5 amp (50-70 Hz)
Control voltage: 3-15 VDC

Low profile, optically-isolated PC mount relays. Switch up to 2.5 amperes. Freq. range 25-70 Hz. On state voltage drop: 1.5V peak max. SPST, N.O.

45-261..**$1.99**

3 AMP SOLID STATE

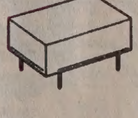


Mfg. - OPTO 22
Mfg.# - 240D3
2-1/4" x 1-3/4" x 1"
Control voltage: 3-32 VDC
Load: 3 amp @ 24-280 VAC
Zero voltage switching

45-434..**$4.95**

3 AMP SOLID STATE

Ⓤ Ⓢ

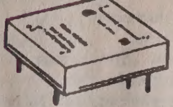


Mfg. - DOUGLAS RANDALL
Mfg.# - CV2
2" x 1-1/4" x 5/8"

Control voltage: 10-32 VDC. Load: 3 amp @ 24-240 VAC. PC board mount. Features input isolation. SPST, N.O.

45-178..**$2.50**

3 AMP SOLID STATE

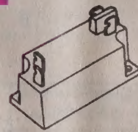


Mfg. - MOTOROLA
Mfg.# - P240D3
1-3/8" x 1-1/2" x 3/8"
Control voltage: 3.6-6 VDC
Load: 3 amp @ 24-280 VAC
Zero voltage switching

45-391..**$4.95**

8 AMP SOLID STATE

Ⓤ Ⓢ

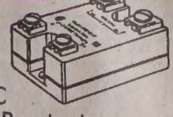


Mfg. - CRYDOM, #S218
1-3/4" x 13/16" x 13/16"
.187" push on terminals
Control voltage: 3.5-8 VDC

Max load: 8 amp RMS. Zero voltage switching. Designed for heatsink or panel mounting.

45-483......................................**$12.95**

25 AMP SOLID STATE

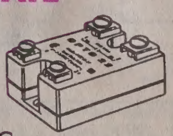


Mfg. - ITT COMPONENTS
2-1/4" x 1-3/4" x 7/8"
Control voltage: 3-32 VDC
Zero voltage switching, SCR output

Load: 25 amp @ 25-140 VAC
Mfg.# - C1-3D-PC-120X25
45-498......................................**$19.95**

Load: 25 amp @ 48-280 VAC
Mfg.# - C1-3D-PC-240X25
45-499......................................**$19.95**

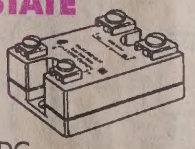
25 AMP SOLID STATE



Mfg. - OPTO 22
Mfg.# - 240D25-17
2-1/4" x 1-3/4" x 1"
Control voltage: 3-32 VDC
Load: 25 amp @ 40-240 VAC
Normally open, zero voltage switching

45-501......................................**$19.95**

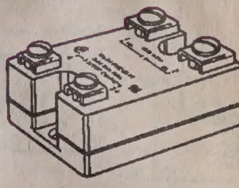
40 AMP SOLID STATE



Mfg. - CRYDOM
Mfg.# - D2440
2-1/4" x 1-3/4" x 1"
Control voltage: 3-32 VDC
Load: 40 amp @ 48-240 VAC
Normally open, Zero voltage switching
SCR output.

45-405......................................**$29.95**

SOLID STATE RELAYS



10 AMP

New

Mfg. - CONTINENTAL
Mfg.# - S505-OSJ610-000
2-1/4" x 1-3/4" x 1"
Control voltage: 3-32 VDC
Load: 10 amp @ 24-330 VAC
Zero voltage switching
Built in snubber. High surge capability.

45-417......................................**$9.95**

25 AMP

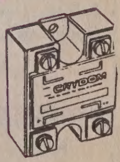
New

Mfg. - CONTINENTAL
Mfg.# - S505-OSJ625-000
2-1/4" x 1-3/4" x 1"
Control voltage: 3-32 VDC
Load: 25 amp @ 24-330 VAC
Built in snubber. High surge capability.

45-418......................................**$14.75**

90 AMP SOLID STATE

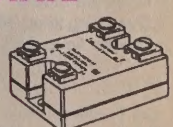
Ⓤ Ⓢ



Mfg. - CRYDOM
Mfg.# - HD4890-10
2-1/4" x 1-3/4" x 1"
Control voltage: 3-32 VDC
Load: 90 amp @ 80-530 VAC
Zero voltage switching

45-450......................................**$47.95**

110 AMP SOLID STATE



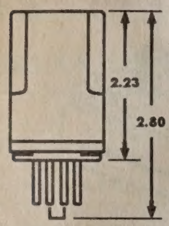
Mfg. - P & B
Mfg.# - SSR-240D110
Control voltage: 3-32 VDC
Load: 110 amp @ 120-240 VAC
Zero voltage turn-on.
SPST, N.O. SCR output.

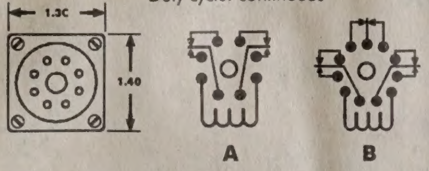
45-348......................................**$49.95**

RELAYS

GENERAL PURPOSE MULTICONTACT RELAYS

- Indicator lamp types (N-suffix)
- 8 pin and 11 pin octal plug-in types
- DPDT and 3PDT types
- Clear plastic dust cover
- Long life contacts
- Operating time: 25mS or less
- Release time: 20mS or less
- Insulation material: molded polyester
- Insulation resistance: 1 x 10³Ω min.
- Duty cycle: continuous





AC OPERATED

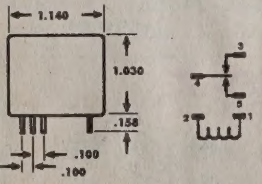
Part#	Fig.	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 120 VAC (max)	Price Each
R02-11A10-12	A	12VAC	DPDT	----	2.0VA	10A	12.66
R02-11A10-24	A	24VAC	DPDT	----	2.0VA	10A	12.66
R02-11A10-120	A	120VAC	DPDT	----	2.0VA	10A	13.00
R02-11A10-120N	A	120VAC	DPDT	----	2.0VA	10A	16.85
R02-11A10-240	A	240VAC	DPDT	----	2.0VA	10A	13.17
R02-14A10-24	B	24VAC	3PDT	----	2.75VA	10A	15.51
R02-14A10-120	B	120VAC	3PDT	----	2.75VA	10A	15.94
R02-14A10-120N	B	120VAC	3PDT	----	2.75VA	10A	17.93

DC OPERATED

Part#	Fig.	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 120 VAC (max)	Price Each
R02-11D10-12	A	12VDC	DPDT	120	1.0VA	10A	12.55
R02-11D10-24	A	24VDC	DPDT	470	1.0VA	10A	12.68
R02-11D10-110	A	110VDC	DPDT	10K	1.2VA	10A	13.55
R02-14D10-12	B	12VDC	3PDT	120	1.0VA	10A	15.75
R02-14D10-24	B	24VDC	3PDT	470	1.0VA	10A	15.75

UPRIGHT EPOXY SEALED POWER RELAYS

- High dielectric-4000 VRMS between control & switching circuits
- Cutt-off nib after PCB washing
- 94v-o enclosure
- Operating time: 15mS
- Release time: 10mS
- Switching rate: 5 operations per sec. (max.)
- Operating temperature: -40°C to +70°C

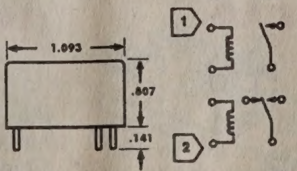


DC OPERATED

Part#	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 28VDC (max)	Price Each
R24-5D10-12V	12VDC	SPDT	230	600mW	10A	5.38
R24-5D10-24V	24VDC	SPDT	920	600mW	10A	5.46

SLIM LINE RELAYS

- Long life
- PC board mount
- Operating time: 30mS
- Release time: 8mS

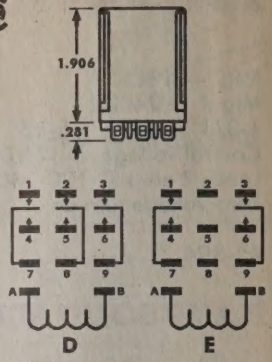


DC OPERATED

Part#	Fig.	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 30VDC (max)	Price Each
R22-1D16-12	1	12VDC	SPST-NO	270	540mW	16A	4.69
R22-5D16-12	2	24VDC	SPDT	270	540mW	16A	4.69

GENERAL PURPOSE RELAYS

- .187" 3-way terminals suitable for plug-in, solder and quick connect
- DPDT and 3PDT
- Clear see-thru cover
- Operating time: 20mS (DPDT), 24mS (3PDT)
- Release time: 28mS (DPDT), 26mS (3PDT)
- Duty cycle: continuous
- Operating temperature: -30°C to +50°C (AC)
  -30°C to +65°C (AC)



AC OPERATED

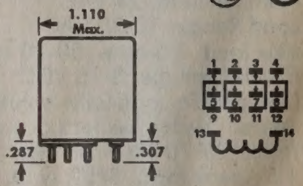
Part#	Fig.	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 120 VAC (max)	Price Each
R10-14A10-24	D	24VAC	3PDT	----	2.75VA	11A	10.19
R10-14A10-120	D	120VAC	3PDT	----	2.75VA	11A	10.49

DC OPERATED

Part#	Fig.	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 120 VAC (max)	Price Each
R10-11D10-12	E	12VDC	DPDT	120	1.2W	12A	8.44
R10-11D10-24	E	24VDC	DPDT	470	1.2W	12A	8.44
R10-14D10-12	D	12VDC	3PDT	120	1.2W	11A	9.77
R10-14D10-24	D	24VDC	3PDT	470	1.2W	11A	9.77

GENERAL PURPOSE RELAYS

- Slightly larger than 1 cubic inch
- High reliability, 50 million operations
- Plug-in or solder terminal
- Operating time: 25mS or less
- Release time: 25mS or less
- Duty cycle: continuous



AC OPERATED

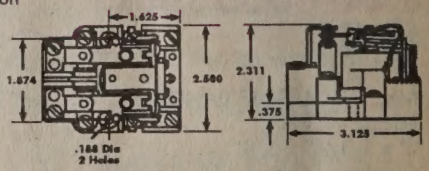
Part#	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 120 VAC (max)	Price Each
R12-17A3-24	24VAC	4PDT	----	1.2VA	3A	12.70
R12-17A3-120	120VAC	4PDT	----	1.2VA	3A	12.70

DC OPERATED

Part#	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 120 VAC (max)	Price Each
R12-17D3-12	12VDC	4PDT	160	.9W	.3A	10.89
R12-17D3-24	24VDC	4PDT	650	.9W	.3A	10.89

HEAVY DUTY, OPEN FRAME RELAYS

- Screw terminals
- Long life contacts
- Molded plastic barrier insulation
- Molded nylon bobbin coil
- Operating time: 40mS or less
- Release time: 30mS or less
- Operating temperature: -30°C to +50°C
- Duty cycle: continuous



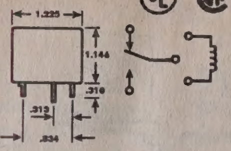
AC OPERATED

Part#	Nominal Voltage	Contact Arr.	Nominal Power	Contact Current @ 120 VAC (max)	Price Each
R04-11A30-120	120VAC	DPDT	10V	30A	16.30

RELAYS • SOCKETS

MINIATURE GENERAL PURPOSE RELAY

- PC mountable
- 1.1 cubic inches
- Long life
- Operating time: 12mS (typ.)
- Release time: 3mS (typ.)
- Operating temperature: -55°C to +85°C

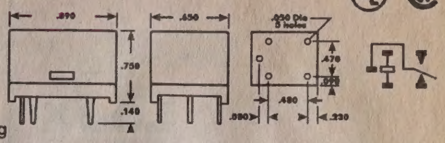


DC OPERATED

Part#	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 28VDC (max)	Price Each
R48-5D10-12	12 VDC	SPDT	600	250mW	10A	$4.70

GENERAL PURPOSE RELAY

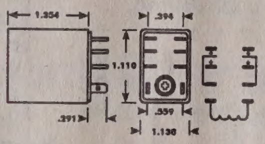
- Less than .53 cubic inches
- Operating time: 10mS (max.)
- Release time: 5mS (max.)
- All sealed and resistant to wave soldering and cleaning



Part#	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 30VDC (max)	Price Each
R46-5D3-12	12 VDC	SPDT	360	400mW	5A	$3.27

GENERAL PURPOSE RELAYS

- Plug-in or solder terminals, will also accept .187" faston terminals
- High reliability, 50 million operations
- Operating time: 25mS or less
- Release time: 25mS or less
- Duty cycle: continuous



AC OPERATED

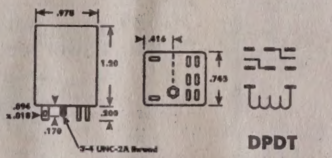
Part#	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 120 VAC (max)	Price Each
R14-11A10-24	24VAC	DPDT	-------	1.2VA	10A	$8.19
R14-11A10-120	120VAC	DPDT	-------	1.2VA	10A	8.40

DC OPERATED

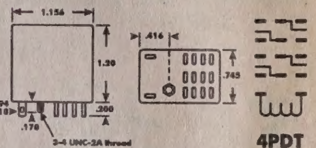
Part#	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 28 VAC (max)	Price Each
R14-11D10-12	12VDC	DPDT	160	.9W	10A	$7.89
R14-11D10-24	24VDC	DPDT	650	.9W	10A	7.89

MINIATURE INDUSTRIAL RELAYS

- DPDT and 4PDT versions
- Combination solder/plug-in terminals
- Gold overlay bar type long life contacts
- Operating time: 12mS (DPDT), 4mS (4DPT) or less
- Release time: 8mS or less



DPDT



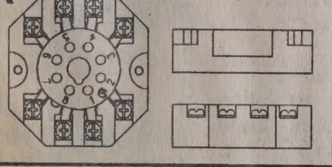
4PDT

DC OPERATED

Part#	Nominal Voltage	Contact Arr.	Coil Res. Ω (typ.)	Nominal Power	Contact Current @ 28 VAC (max)	Price Each
R16-11D5-12	12VDC	DPDT	185	.75W	5A	$8.95
R16-11D5-24	24VDC	DPDT	700	1W	5A	9.99
R16-17D5-12	12VDC	4PDT	185	1W	5A	11.95
R16-17D5-24	24VDC	4PDT	700	1W	5A	11.99

RELAY SOCKETS

A



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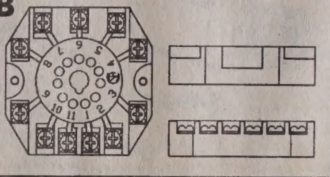

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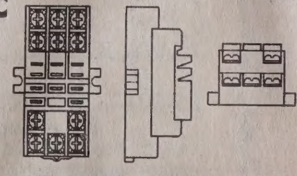
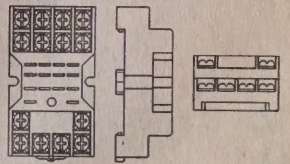


D



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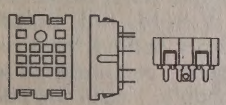
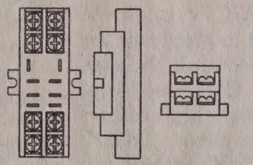
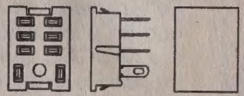


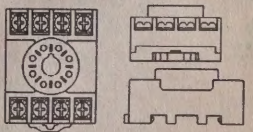
F



G



H



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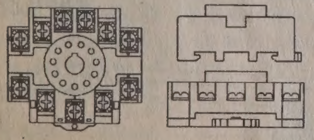
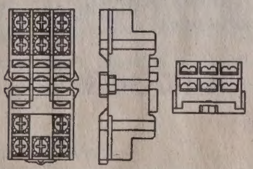
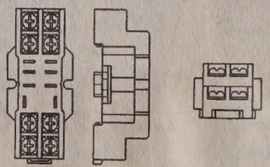


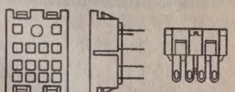
J



K



L



Part#	Fig.	Description	Electrical Rating Volts	Electrical Rating Amps	Price Each
R95-101	A	8-Pin octal socket	600	10	4.51
R95-104	B	11-Pin octal socket	600	10	7.92
R95-105	C	11-Pin square base socket	300	10	8.68
R95-106A	D	14-Pin panel/surface mount	300	7	7.73
R95-107	E	14-Pin blade socket	120	5	1.48
R95-110	F	8-Pin midget blade socket	300	10	7.36
R95-111	G	8-Pin midget blade socket	300	10	1.76

Part#	Fig.	Description	Electrical Rating Volts	Electrical Rating Amps	Price Each
R95-113	H	8-Pin octal socket	300	10	4.06
R95-114	I	11-Pin octal socket	300	10	5.48
R95-115	J	11-Pin square base socket	300	10	6.60
R95-117	D	14-Pin panel/din rail mount	300	7	7.19
R95-121	K	8-Pin midget blade socket	300	10	5.21
R95-122	L	14-Pin blade socket	120	5	1.15

RELAY SELECTOR GUIDE AND CROSS REFERENCE

Cross reference guide containing over 15,000 original type numbers from 166 manufacturers. NTE offers an exclusive two-year warranty with the purchase of any NTE relay.

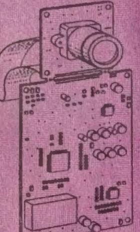
Part#	Price
RC003	$2.95

COLOR CCTV BOARD CAMERAS

Mfg. - PROVIDEO
Head: 1-5/8"(L) x 1-3/8"(W) x 1"(H)
Processor: 4"(L) x 2-1/2"(W) x 1/2"(H)
1/3" CCD image sensor for exceptional clarity. Automatic electronic shutter adjusts for all light conditions. 3 lux sensitivity with 350 line of resolution. Focus range: 10mm to infinity. Requires 12 VDC @ 200mA.

4mm WIDE ANGLE LENS

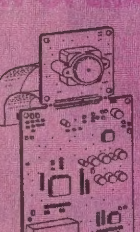
COLOR



75-156.................... **$189.95**

PINHOLE FOR COVERT OPERATIONS

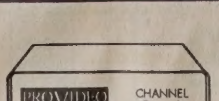
COLOR



75-157.................... **$189.95**

PSW-2.......Power adaptor.......**$12.95**

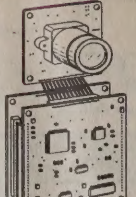
RF MODULATOR



Mfg. - PROVIDEO
4-3/4" x 4-1/4" x 2-1/4"
Converts video from your CCTV/ security camera, computer or satellite receiver to VHF/ RF signal to your TV, etc. (channel 3 or 4, 117 VAC). Audio & video input via RCA jacks. RF output via "F" female connector.

75-178.................................**$39.95**

ULTRA MINI COLOR BOARD CAMERA



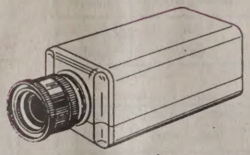
Main board: 2"sq x 3/4"(H)
Lens board: 1-1/2" x 1-1/4"
1/3" color CCD camera with a built in 4.6mm wide angle lens with electronic auto iris for auto light compensation. 1 lux minimum illumination. 480 lines of resolution. Excellant image quality. Video output RCA male. Requires 9-12 VDC @ 280mA.

75-158.................................**$275.95**
75-159..........with Audio.........**$295.95**
PSW-2...Power supply for above... **$12.95**

1/3" CCD COLOR CAMERA

24 VAC

2.8"(H)
2.2"(W)
6.1"(D), 1.1 lb

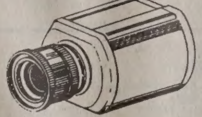


75-200.................................**$499.95**

24 VAC power supply for above.
56-435.................................**$7.95**

12 VDC

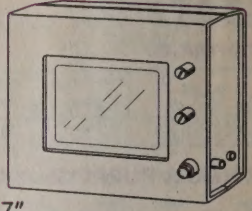
2.7"(H)
2.5"(W)
2.1"(D), 8 oz



75-201.................................**$499.95**
Power supply included.

Mfg. - PROVIDEO
Compatible with most CCTV systems. Both cameras have a built in electronic iris and an automatic shutter control. Accepts a 1/3" CCD lens, C or CS mount (not included see below). Offers a high resolution NTSC color scanning system. 542(H) x 492(V) picture element. 400 lines of resolution. .3 lux sensitivity. Video outputs: 1.0 Vp-p, 75 ohms, BNC connector.

ACTIVE MATRIX 4" COLOR LCD MONITOR

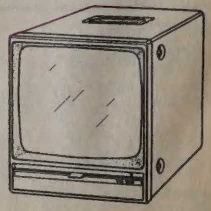


6.7" X 5.8" X 2.7"
Bright, hi-resolution picture. Full color or B&W all in one. 480(H) x 240(V) picture element. .171(W) x .264(H) dot pitch. Built-in CCFT back light. Requires 12 VDC @ 400mA. Front panel controls. Out performs CRT's in mobile applications where light reflections make viewing difficult. Compact high quality picture. Weighs only 23 oz.

75-235.................................**$279.95**

Power supply for above
56-512.................................**$18.95**

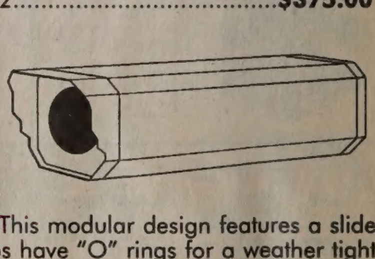
13" HIGH RESOLUTION COLOR MONITOR



Mfg. - PROVIDEO
14.2"(W) x
13"(H) x
14.2"(D), 25 lb
250 lines resolution. 2 camera input capability. NTSC color compatibility. Encased in a rugged black metal cabinet. Power switch, V-hold, tint, color and brightness controls behind front hinged panel. Input signal: composite video 1.0 Vp-p, A/B switchable. Input impedance: BNC connector, 75 ohm high impedance. Input 110 VAC, 60 Hz.

75-202.................................**$375.00**

WEATHERPROOF OUTDOOR CAMERA HOUSING

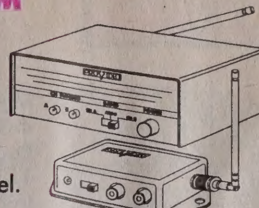


I.D. 3-1/8"sq x 12" long
Constructed of bone color high impact ABS plastic. This modular design features a slide out din rail for easy camera mounting, both end caps have "O" rings for a weather tight seal. The front cap has a glass protection lens. The case also has a 1/4-20 brass insert for mounting and can be mounted in any direction. Back cap has two 5/16" holes drilled for cable-in and cable-out (a weather cover is included to fit over this area).

75-196...**$64.95**

WIRELESS TRANSMITTER/RECEIVER SYSTEM

New



Mfg. - SPECO
Allows any video camera with a composite video signal and/or an audio signal to become wireless. This 900 MHz system has a range of 150 feet.

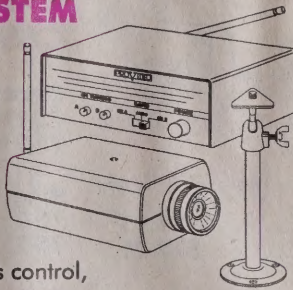
TRANSMITTER - 4" x 1" x 2-1/2"
Video and audio female RCA inputs. 50mm/Meter RF output level.

RECEIVER - 5-1/2" x 4-3/8" x 2-3/8"
38 dB/Meter maximum sensitivity. Receiver can handle 2 inputs and can automatically switch between these inputs. Channel 3/4 output or composite video out.

75-255...... **$194.95**

WIRELESS CAMERA AND RECEIVER SYSTEM

New



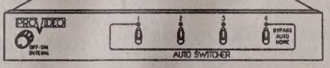
Mfg. - SPECO
Includes one wireless camera with antenna and mounting bracket along with a wireless receiver. Allows wireless transmission of video and audio signals (906~928 MHz) 150ft range.

WIRELESS CAMERA with Audio Output
2-3/4" x 2" x 4-1/2". 50mm/Meter RF output level. Requires .3 lux and has more than 400 lines of resolution. 1/3" CCD sensor with built in 3.6mm lens with electronic iris control, 512(H) x 492(V). Video and audio female RCA inputs.

WIRELESS RECEIVER
5-1/2" x 4-3/8" x 2-3/8". 38 dB/Meter maximum sensitivity. Handles 2 inputs and can automatically switch between these inputs. Channel 3/4 output or composite video out.

75-254...... **$334.95**

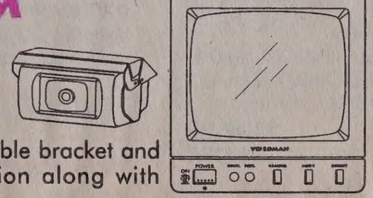
FOUR CAMERA AUTOMATIC SEQUENTIAL SWITCHER



Mfg. - PROVIDEO, 12-3/8" x 1-3/4" x 9-5/16"
Manual overrides for "homing in" or bypass. Sequencing interval adjustable from .5 to 30 seconds. LED camera indicator. Video bandwidth: <1 Hz to >10 MHz. Power consumption 6 watt. 120 VAC input via 18/3 line cord.

75-138...... **$119.95**

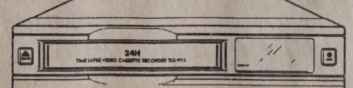
REAR-VIEW VIDEO SYSTEM



The 5-1/2" black and white monitor runs off of 11 VDC to 32 VDC which enables it to be hard wired to any vehicle. 500 lines of resolution. The weatherproof 1/3" CCD camera with auto iris has 130° viewing angle. Comes with mounting hardware, tiltable bracket and 60ft of cable. Features auto and manual function along with day/night control.

75-236...... Black & White...... **$549.95**

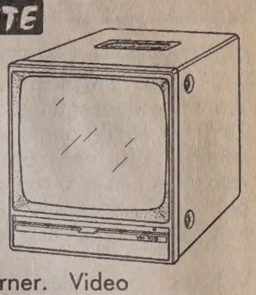
24 HOUR TIME LAPSE VCR



Mfg. - SANYO, #TLS-924
14" x 13" x 3-1/4", 12 lbs
Input: 120 VAC power. Requires T-120 VHS tapes.
Features field playback, auto repeat recording, alarm recording function, on-screen mode setting, integrated time/date generator, alarm scan, forward field advance, 30 day memory adjustable from 1 image every 7/60 seconds to 1 image every 13/60 seconds.

75-155...... **$925.95**

HIGH RESOLUTION BLACK & WHITE MONITORS



Mfg. - PROVIDEO
1000 lines resolution center, 800 lines resolution corner. Video input .5 to 2 volt p-p. Impedance switch selectable 75 ohms or high impedance. Input 110 VAC, 60 Hz. All controls behind hinged front door.

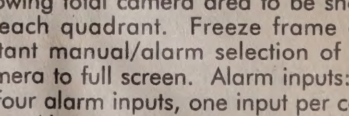
9" Monitor
8-7/8" x 9-1/4" x 9-15/16" - 15 lbs
75-140...... **$139.95**

12" Monitor
12-3/16" x 12-3/16" x 12-3/16" - 23 lbs
75-141...... **$159.95**

12" Monitor with audio
75-142...... **$179.95**

15" Monitor
16" x 18" x 16" - 31 lbs
75-143...... **$279.95**

FOUR CAMERA SCREEN SPLITTER

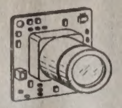


Mfg. - PROVIDEO
9-1/2" x 9" x 2"
Allows four different camera locations on one monitor screen or camera sequencing. 100% picture compression allowing total camera area to be shown in each quadrant. Freeze frame and instant manual/alarm selection of any camera to full screen. Alarm inputs: Up to four alarm inputs, one input per camera. Alarm outputs: Normally open, normally closed contacts with shared common. Alarm out activates external devices such as a VCR or auto dialer. Signal format: EIA monochrome only. Compatible with most CCTV cameras. Quad output: 1.0V p-p 75 ohms. 120 VAC input via 18/3 line cord.

75-139...... **$469.00**

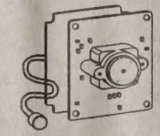
SURVEILLANCE CAMERAS

BOARD CAMERAS



1-1/4"(sq) board x 1"(D)
1/3" CCD single board camera with built in 3.6mm wide angle lens with electronic auto iris. 74°(H) x 56°(V) angle of view and focuses 1/2" to infinity. .1 lux minimum illumination. 400 lines of resolution. Able to run about 8 hours on a 9 volt lithium battery or on 4 "AA" batteries for 4 hours. Can be hooked up to video monitors, VCR's and camcorders. Requires 8-14 VDC.

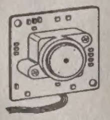
V-1208	Black & White	$99.95
56-346	Power supply for above	**$12.95**



1-3/4" x 9/16" x 7/8"
1/3" CCD dual board camera with built in 3.8mm wide angle lens with adjustable focus and electronic auto iris which components for all light conditions. .5 lux minimum illumination. 380 lines of resolution. Audio and video outputs RCA male. Requires 9-15 VDC.

with Audio

75-229	Black & White	**$139.95**
PSW-2	Power supply for above	**$12.95**

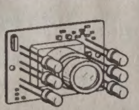


1-1/2"(W) x 1-1/2"(H) x 1/2"(D)
1/3" CCD single board camera with built-in 3.6mm wide angle lens with electronic auto iris, (72°H x 53°V). Requires only .4 lux. 380 lines of resolution. Unique camera needs only a 1/16" "see through" hole. Excellent for covert surveillance. Requires coax cable output to connect to a TV video or monitor. Runs on 8-14 VDC.

Pin Hole

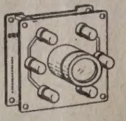
V-1207B-PL	Black & White	**$159.95**
56-346	Power supply for above	**$12.95**

NIGHT VISION BOARD CAMERAS



2-1/8" x 1-1/2" x 1"
1/3" CCD single board camera with built-in 4.3mm wide angle lens with adjustable focus, electronic auto iris which compensates for all light conditions. .5 lux minimum illumination. 380 lines of resolution. Video output RCA male. Requires 9-15 VDC @ 110mA.

75-228	Black & White	**$139.95**
PSW-2	Power supply for above	**$12.95**

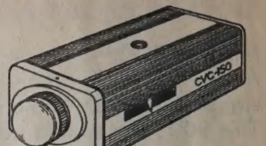


1-3/4" x 1-3/4" x 1"
1/3" CCD board camera with a 3.6mm f2.0 (74°H x 56°V) lens removable by set screw with auto focus and electronic auto iris which compensates for all light conditions. .05 lux minimum illumination, .00 FC within ten feet. 400 lines of resolution. 270,000 pixels. Has picture edge-enhancement built-in. Requires 12 VDC @ 250 mA.

V-1204A	Black & White	**$159.95**
56-346	Power supply for above	**$12.95**

INFRARED LED'S PERMITS CAMERA TO SEE UP TO 10 FEET IN TOTAL DARKNESS.

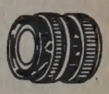
SECURITY CAMERA



Mfg. - PROVIDEO
4-3/8" x 2-1/8" x 1-5/8"
Rugged, black metal case houses this 1/3" CCD camera. .3 lux sensitivity. Built in electronic iris control has 400 lines of resolution and accepts a C or CS mount, supplied with CS/C adapter ring and 12 VDC power supply **(lens sold separately below)**. Output: BNC (F).

75-217	Black & White	**$189.95**

CS MOUNT CCTV CAMERA LENSES



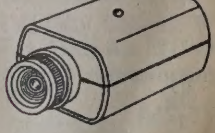
8mm (standard)

75-212	Manual iris and focus	**$69.95**
75-213	Auto iris	**$132.95**

4mm (wide lenses)

75-214	Manual iris and focus	**$79.95**
75-215	Auto iris	**$135.95**

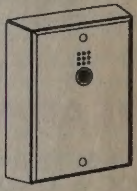
CCD CAMERA WITH LENS



Mfg. - PROVIDEO *with Audio*
2" x 2-3/4" x 4"
1/3" CCD camera. Built-in 4mm (F1.4) lens with auto electronic iris which compensates for all light conditions. 512(H) x 492(V) picture element. .3 lux sensitivity. 400 lines of resolution. 6" focal point. Outputs: Video - BNC(F), Audio - RCA(F). Charcoal gray ABS plastic case. Powered by 12 VDC adapter (included).

75-136	Black & White	**$199.95**

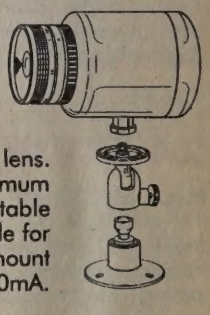
SURFACE MOUNT CAMERA



Mfg. - CCTV *with Audio*
4-1/2" x 2-3/4" x 1"
Same specifications as above except surface mount. Supplied with brushed stainless steel front and back box.

75-153	Black & White	**$259.95**

WATERPROOF ULTRA COMPACT CAMERA



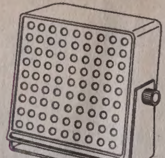
3-1/8" X 1-3/4"
Black waterproof 1/3" CCD camera in die-cast aluminum housing. Built-in 8mm(F1.8) lens. 512(H) x 492(V) picture element. .5 lux minimum illumination. 380 lines of resolution. Adjustable focus, auto iris. 3-1/2ft of cable with BNC male for video, coaxial jack for power. Includes a clip mount and a screw mount. Requires 9-15 VDC @ 110mA.

75-226	Black & White	**$199.95**
PSW-2	Power supply for above	**$12.95**

SURVEILLANCE CAMERAS

COVERT EXTENSION SPEAKER CAMERA

Functional

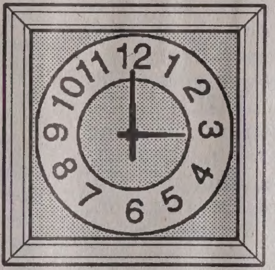


Mfg. - PROVIDEO
4-1/4"sq x 2-7/16"(D)
Fully operational speaker 8 ohm, 5 watt, 3.5mm mini plug, black composite plastic housing. Mounting bracket and hardware included. ***Allows your audience to hear, while you keep an eye on them.*** 1/3" CCD image sensor. 3.6mm wide angle pinhole lens (72° horizontal, 53° vertical). 380 lines of resolution 512(H) x 492(V) picture element. .5 lux sensitivity. Built in auto shutter/iris. Outputs: video-RCA, DC power jack. Powered by 12 VDC adapter (included).

75-203..........................Black & White.......................**$209.95**

CLOCK CAMERA

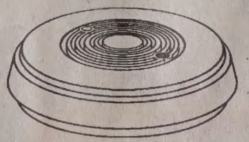
Functional



Mfg. - PROVIDEO
12" x 12" x 2"
Built-in 1/3" (3.6mm) wide angle lens (F1.6) with auto electronic iris is concealed behind translucent clock face panel in upper left corner. Scanning system 525 TV lines x 60 fields/second. .3 lux sensitivity. 400 lines of resolution. Video output. Housed within a wood frame operational clock. Powered by a 12 VDC adapter (included). Clock requires one AA battery.

75-179..........................Black & White.......................**$249.95**

SMOKE DETECTOR CAMERA WITH AUDIO

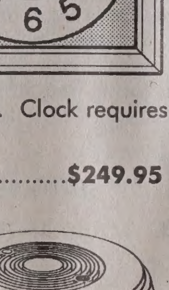


Mfg. - PROVIDEO
6-3/4" dia. x 1-1/2"
Built-in 4mm (F1.4) lens with auto electronic iris which compensates for all light conditions. 512(H) x 492(V) picture element. Scanning system 525 TV lines x 60 Field/second. .3 lux sensitivity. 400 lines resolution. Outputs: Video - BNC(F), Audio - RCA(F). Built into a white ABS plastic smoke detector (non-functional). Powered by a 12 VDC adapter (included).

75-135..........................Black & White.......................**$229.95**

PASSIVE INFRARED CAMERA

New

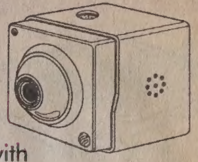


Mfg. - PROVIDEO
5" x 2-7/8" x 2-5/16"
Fully operational passive infrared motion sensor with built-in camera. 3.6mm wide angle pinhole lens with electronic auto iris. Requires only .5 lux illumination. 400 lines of resolution. 512(H) x 492(V) picture element. Outputs: Video - RCA (F), Power - DC jack. PIR instruction sheet included. Powered by 12 VDC adapter (included).

75-227..........................Black & White.......................**$224.95**

ADJUSTABLE EYEBALL CAMERA

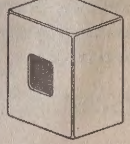
Built-in Pan & Tilt with Audio



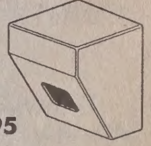
Mfg. - MARSHALL
1.9"(W) x 1.9"(H) x 2.1"(D)
1/3" CCD camera with built-in 4.3mm lens with electronic iris shutter. Requires .4 lux. 380 lines of resolution. Built-in manual pan and tilt. 20° horizontal & vertical direction. Two-way audio. Built-in microphone and speaker allows two-way communications by audio. Light weight but durable and compact gray housing. Audio/video/power all in one socket. Includes wall mount bracket and U1/4" tripod mount socket.

75-220..........................Black & White.......................**$149.95**
56-346...................Power supply for above..................**$12.95**
75-224.................60FT cable with connector................**$23.49**

18 AWG STAINLESS STEEL WEATHERPROOF CAMERAS



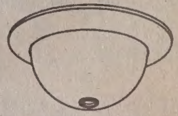
WALL MOUNT, 1-3/4" x 2-1/4" x 2-3/4"
75-209................Black & White...............**$234.95**



ANGLE MOUNT, 2-3/8" x 2-1/4" x 2-3/4"
75-210................Black & White...............**$239.95**

Mfg. - PROVIDEO
Both cameras have a built-in 3.6mm wide angle lens, auto iris and an automatic shutter control. 512(H) x 492(V) picture element. 400 lines of resolution. .1 lux sensitivity. Video outputs: 1.0 Vp-p 75 ohms composite, RCA connector. Powered by 12 VDC adapter (included).

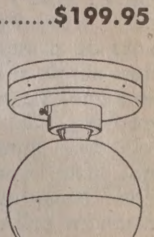
1/3" CCD CEILING WALL DOME CAMERA



Mfg. - PROVIDEO
Dome holder - 5" dia. - steel, Dome - 3-1/2" dia. - ABS plastic. Built-in 3.6mm (F1.8) lens with auto electronic shutter which offers excellent resolution sensitivity, and light condition adaptability. 512(H) x 492(V) picture element. Scanning system 525 TV lines x 60 fields/ second. 0.2 lux sensitivity. 400 lines of resolution. Video output. Designed for ceiling or wall mounting with flexibility of virtually any camera angle. Powered by a 12VDC adapter (included).

75-180..........................Black & White.......................**$199.95**

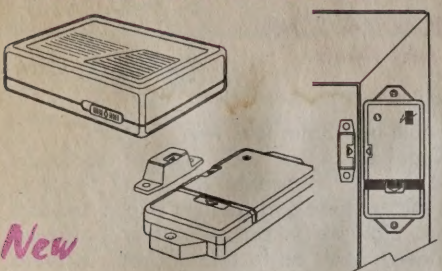
WEATHERPROOF PIVOTING B/W BALL CAMERA



Mfg. - PROVIDEO, 4"(dia) x 6"(H)
1/3" CCD image sensor. 512(H) x 492(V) picture elements. Supplied with 3.6mm wide angle lens, (72°H x 53°V). High speed electronic shutter needs a minimum of .3 lux. 400 lines of resolution. Ultra modern design camera housed in light gray ABS molded plastic can be mounted on ceiling or wall, indoor or outdoor. RCA video output. Powered by 12 VDC adapter (included).

75-218..........................Black & White.......................**$224.95**

WIRELESS DOOR ALERT



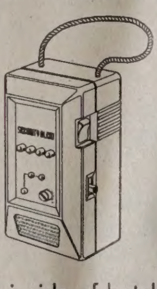
New

Mfg. - DATAWAVE, #WDA-1
Install the door sensor/transmitter at any door or gate wish to monitor and turn on the portable receiver. When the door is opened the receiver will produce a highly audible chime time. Ideal for freight doors, will-call counters and as an entry alert for offices or rental stores. The receiver is totally portable and works up to 100 feet.

75-251..**$9.95**

SECURITY ALERT

New

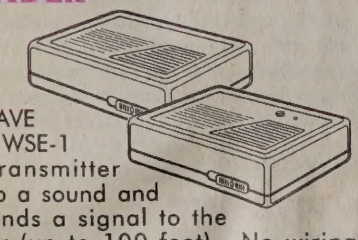


Mfg. - DATAWAVE, #KL-1
4-5/8" x 2-5/16" x 1-7/8"
Provides both an audio & visual alert when someone knocks on the door or if it is tampered with in any way. Designed for the traveler to hang on the inside of hotel room door. Also ideal for the hearing impaired. Requires 3 "AA" batteries.

75-252..**$6.99**

WIRELESS SOUND EXTENDER

New

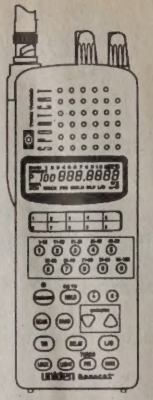


Mfg. - DATAWAVE
Mfg.# - WSE-1
The transmitter picks up a sound and then sends a signal to the receiver (up to 100 feet). No wiring required. Set the transmitter unit near your door chime, telephone, baby's crib, etc., either hang on the wall or set on any table. Never miss another visitor, delivery, telephone call or baby's cry. Can be used as part of a security system to monitor "out of the way" areas. Both the transmitter and the receiver are 3-3/8" x 2-3/8" x 7/8" and require two "AA" batteries each.

75-250..**$5.99**

SPORTSCAT® PORTABLE SCANNER

uniden Bearcat



Mfg. - UNIDEN
Model - #SC150
6" x 2-1/2" x 1-3/4"
Frequency range:
29 - 54 MHz
108 - 174 MHz
406 - 512 MHz
806 - 956 MHz

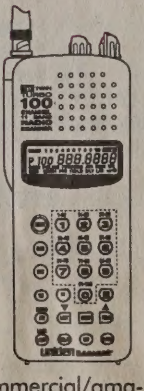
Scans 12 bands in 10 banks of 10 channels per bank including police, fire, emergency, military/civilian aircraft, boating, ground military, commercial/amateur radio & more. Features super-fast TURBOSCAN® and TURBOSEARCH®, 100 channel storage, preprogrammed band search, 10 selectable priority channels, manual channel access, data skip and channel lockout and memory backup. Built-in speaker and jack for stereo headphones. Comes with nicad batteries, charger and a 100 page sports frequency guide. One year manufacturers warranty.

SC150Y
19-109................yellow............**$159.95**

SC150B
19-110................black............**$159.95**

BC120XLT 100 CHANNEL HANDHELD SCANNER

uniden Bearcat



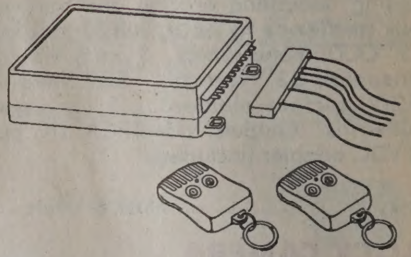
Mfg. - UNIDEN
Model# - BC120XLT
6" x 2-1/2" x 1-1/2"
Frequency range:
29-54 MHz
108-136 MHz
137-174 MHz
406-512 MHz

Scans 11 bands in 10 banks of 10 channels per bank including police, fire, emergency, military/civilan aircraft, boating, ground military, commercial/amateur radio & more. Features Twin Turbo™; search & scan modes, preprogrammed service search, unique data skip and more. Built-in speaker and jack for stereo headphones. Comes with nicad batteries, charger and Betty Bearcat frequency guide.

19-116..................................**$139.95**

BLACK WIDOW™

BLACK WIDOW RECEIVER MODULE



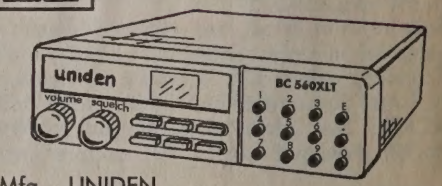
This multi-use receiver can be used independently with its own code-learned transmitters or can be used with Black Widow or other alarm systems. Use this module to raise or lower your garage door, turn on/off outside or inside lights, lock and unlock vehicles with electronic door locks, open your vehicles electronic trunk and more. Higher current applications will require power relays (45-287) not included. Power locks require two. Trunk requires one.

BW-650.......with transmitters........**$34.95**

BW-651.....without transmitters.....**$24.95**

BC560XLA BEARCAT™ SCANNER

uniden Bearcat



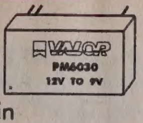
Mfg. - UNIDEN
Model - #BC560XLA
5-1/2" x 7" x 1-3/4"
Frequency range:
29 - 54 MHz
136 - 174 MHz
406 - 512 MHz

Scans 10 bands and 16 memory channels including police, fire, rescue and all public service bands, 4 "HAM" bands, federal and military land mobile bands. Features weather search, priority, memory plus, review and channel lockout. One year manufacturer's warranty.

19-117..**$89.95**

POWER SUPPLIES

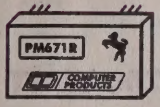
+9V DC/DC CONVERTER



Mfg. - VALOR, #PM6030
1-1/4" x 3/4" x 7/16"
Input: 12 VDC
Output: 9 VDC @ 80 mA min
225 mA max
Momentary short circuit protected.
Spec sheet included.

56-383..**$5.95**

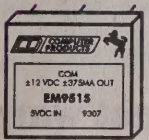
+12V DC/DC CONVERTER



Mfg. - COMPUTER PRODUCTS
Mfg.# - PM671R
1-1/4" x 13/16" x 3/8"
Input: 5 VDC
Output: +12 VDC @ 40 mA
- 12 VDC @ 40 mA
Regulated outputs. Pi input filter. 300 VDC isolation, 20 mV P/P ripple. ±.3% line, ±.4% load regulation. DIP package. Spec sheet included.

(1-49) (50-Up)
56-305............................**$5.95**....**$4.95**

+12V DC/DC CONVERTER



Mfg. - COMPUTER PRODUCTS
Mfg.# - EM951S
2"sq. x 3/8"
Input: 5 VDC
Output: +12 VDC @ 375 mA
- 12 VDC @ 375 mA
Pi input filter. 500 VDC isolation
100 mV P/P ripple.
Short circuit protected.

(1-49) (50-Up)
56-394............................**$8.95**....**$7.95**

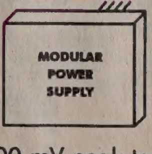
±15V DC/DC CONVERTER

IPD
INTERNATIONAL POWER DEVICES
CRD1215BR
MADE IN USA

Mfg. - IPD, #CRD1215BR
Input: 12 VDC
Output: +15 VDC 33 mA
- 15 VDC 33 mA
150 mV ripple, Pi input filter, 500 VDC isolation. 24 pin dip. Spec sheet included.

56-226..**$5.95**

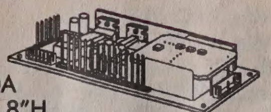
±100V DC/DC CONVERTER



Mfg. - SPRAGUE
Mfg.# - 200ZDCP88101
2-1/2" x 2" x 7/8"
Input: 12 VDC @ 3 amp
Output: +100 VDC
- 100 VDC
Ripple and noise output. 500 mV peak to peak max from 50 Hz to 100 KHz. Transient response 500 micro seconds. Spec sheet included.

56-402..**$9.95**

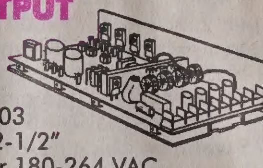
28 WATT DC TO DC POWER CONVERTER



Mfg. - ASTEC
Mfg.# - AA9090A
3.6"L x 1.6"W x .8"H
Input: 6-11 V (from battery)
Output: +5.1 VDC @ 3.75 Amp
-26 VDC @ 40 mA
+12 VDC @ .1 Amp
350 VAC @ 5 mA
Designed to handle the power conversion requirements in a note-book size personal computer. It consists of a DC-DC converter section and a DC-AC inverter section which can drive two CCFT backlights. Comes with complete specifications.

40-167..**$4.95**

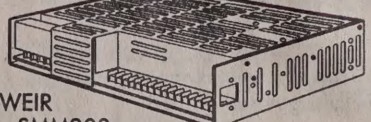
MULTI-OUTPUT



Mfg. - KYOSAN
Mfg.# - KS130-03
10-1/2" x 5" x 2-1/2"
Input: 90-127 or 180-264 VAC
Output: +5 VDC @ 15 amp
+12 VDC @ 4 amp
-12VDC @ 3 amp
+24 VDC @ 2 amp
130 watts, switching power supply

40-145..**$59.95**

MULTIPLE OUTPUT SWITCHING POWER SUPPLY



Mfg. - WEIR
Mfg.# - SMM300
12" x 7-1/2" x 2"
Input: 115/230 VAC (by jumper), 50/60 Hz
Adjustable Output:
1) 4.7-5.3 VDC @ 30 amp
2) 24 VDC @ 6 amp
3) 12-15 VDC @ 6 amp
4) 12-15 VDC @ 6 amp
5) 5-15 VDC @ 3 amp

This 250 watt switching power supply features remote sensing and over voltage protection on output 1. Comes complete with circuit diagram and spec sheet. Output via 16 way block with screws.

Note: Due to the nature of switching power supplies, output 1 (5 VDC 30 amp) must have minimum load of 4 amp or the power supply will not operate.

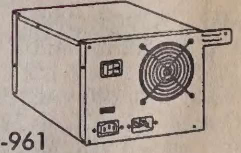
40-124..**$69.95**

PC POWER SUPPLY

Mfg. - ASTEC
Mfg.# - SA145-3420
5-1/2" x 5-7/8" x 3-3/8"
Input: 115/230 VAC switchable, 50/60 Hz
Output: +5 VDC @ 18 amp
- 5 VDC @ .30 amp
+12 VDC @ 4.2 amp
- 12 VDC @ .30 amp
145 watt, cable harness with connectors
Fully regulated outputs

40-171..**$39.95**

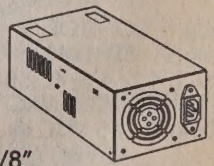
PC POWER SUPPLY



Mfg. - ASTEC
Mfg.# - SA300-3400-961
6-1/2" x 5-7/8" x 5-3/4"
Input: 115/230 VAC switchable, 50/60 Hz
Output: - 5 VDC @ .5 amp
+5 VDC @ 35 amp
- 12 VDC @ .5 amp
+12 VDC @ 10 amp
300 watt, cable harness with connectors
Fully regulated outputs

40-172..**$64.95**

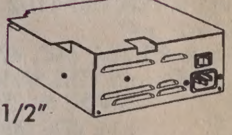
PC POWER SUPPLY



Mfg. - COMPAQ
Mfg.# - 141668-001
6-3/4" x 3-3/4" x 2-7/8"
Input: 100-120/220-240V
Output: +5 VDC @ 10 amp
+12 VDC @ 1.5 amp
- 5 VDC @ .3 amp
- 12 VDC @ .3 amp
73 watt, cable harness with connections

40-179..**$17.95**

5.1 VDC @ 3.5 AMP 12 VDC @ 2.3 AMP



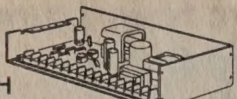
Mfg. - LITEON
Mfg.# - PA-2460-1
5-7/8" x 4-5/8" x 2-1/2"
Input: 100-240 VAC
Output: 5.1 VDC @ 3.5 amp
12 VDC @ 2.3 amp
46 watt switching power supply.

New

40-188..**$9.95**

POWER SUPPLIES

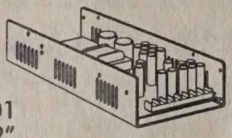
120 WATT



Mfg. - LH RESEARCH
Mfg.# - TTM23-E0929
9" x 2-3/4" x 4-7/8"
Input: 115/230, 47-440 Hz
Output: +5 VDC @ 10 amp
+12 VDC @ 5 amp
-12 VDC @ .5 amp
120 watts, switching power supply.

40-157......................................**$39.95**

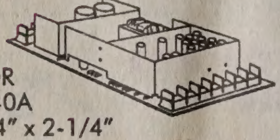
120 WATT



Mfg. - POWER ONE
Mfg.# - SPL130-4001
10-1/2" x 5" x 2-1/2"
Input: 110/220 VAC, 50/60 Hz
Output: +5 VDC @ 22 amp
+5 VDC @ 22 amp
-5 VDC @ 1.5 amp
+15 VDC @ 3 amp
-15 VDC @ 1.5 amp
120 watts, switching power supply.

40-156......................................**$39.95**

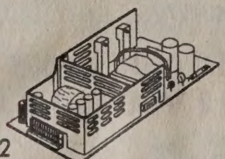
140 WATT



Mfg. - CONDOR
Mfg.# - SDM140A
10-1/4" x 4-3/4" x 2-1/4"
Input: 115/230 VAC
Output: +5 VDC @ 15 amp
-5 VDC @ .6 amp
+12 VDC @ 3 amp
+12 VDC @ 3 amp isolated
-12 VDC @ 3 amp
140 watts, switching power supply

40-146......................................**$39.95**

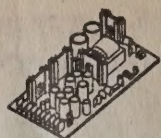
150 WATT



Mfg. - POWER ONE
Mfg.# - SPL150-4102
8" x 2" x 4"
Input: 90-264 VAC, 47-63 Hz
Output: +5 VDC @ 15 amp
-5 VDC @ .5 amp
+12 VDC @ 5 amp (8A pk)
+12 VDC @ .5 amp
150 watts, switching power supply
Fully regulated outputs

40-155......................................**$49.95**

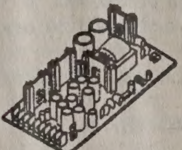
80 WATT



Mfg. - POWER ONE
Mfg.# - SPL53-3200
8-1/2" x 4-1/2" x 2-1/8"
Input: 90-264 VAC, 47-63 Hz
Output: +5 VDC @ 8 amp
+ 12 VDC @ 4 amp (6A Pk)
+ 24 VDC @ 1.5 amp (2.5A Pk)
80 watts, switching power supply.
Fully regulated outputs.

40-154......................................**$49.95**

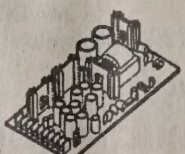
175 WATT



Mfg. - POWER ONE
Mfg.# - SWA175-4100
9" x 4-3/4" x 2-3/8"
Input: 90-264 VAC, 47-63 Hz
Output: +5 VDC @ 20 amp
-5 VDC @ 1.5 amp
+12 VDC @ 5 amp (8A Pk)
-12 VDC @ 1.5 amp
175 watts, switching power supply.
Fully regulated outputs.

40-147......................................**$49.95**

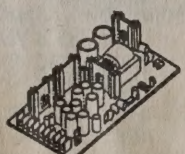
175 WATT



Mfg. - POWER ONE
Mfg.# - SWA175-4200
9" x 4-3/4" x 2-3/8"
Input: 90-264 VAC, 47-63 Hz
Output: +5 VDC @ 20 amp
-5 VDC @ 1.5 amp
-15 VDC @ 1.5 amp
+15 VDC @ 5 amp (8A pk)
175 watts, switching power supply
Fully regulated outputs

40-148......................................**$49.95**

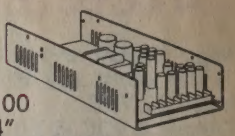
175 WATT



Mfg. - POWER ONE
Mfg.# - SWA175-4300
9" x 4-3/4" x 2-3/8"
Input: 90-264 VAC, 47-63 Hz
Output: +5 VDC @ 20 amp
-5 VDC @ 1.5 amp
-12 VDC @ 1.5 amp
+24 VDC @ 4 amp (6A pk)
175 watts, switching power supply
Fully regulated outputs

40-149......................................**$59.95**

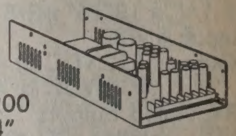
200 WATT



Mfg. - POWER ONE
Mfg.# - SWA200-4100
10-1/2" x 5" x 2-3/4"
Input: 90-264 VAC, 47-63 Hz
Output: +5 VDC @ 25 amp
+12 VDC @ 5 amp (8A pk)
+12 VDC @ 3 amp
-12 VDC @ 3 amp
200 watts, switching power supply
Fully regulated outputs

40-150......................................**$49.95**

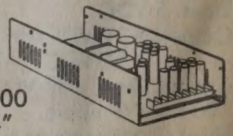
200 WATT



Mfg. - POWER ONE
Mfg.# - SWA200-4200
10-1/2" x 5" x 2-3/4"
Input: 90-264 VAC, 47-63 Hz
Output: +5 VDC @ 25 amp
+12 VDC @ 3 amp
-12 VDC @ 3 amp
+15 VDC @ 5 amp
200 watts, switching power supply
Fully regulated outputs

40-151......................................**$69.95**

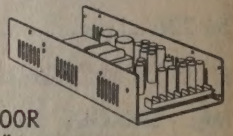
200 WATT



Mfg. - POWER ONE
Mfg.# - SWA200-4400
10-1/2" x 5" x 2-3/4"
Input: 90-264 VAC, 47-63 Hz
Output: +5 VDC @ 25 amp
+12 VDC @ 6 amp
+12 VDC @ 1.5 amp
-12 VDC @ 1.5 amp
200 watts, switching power supply
Fully regulated outputs

40-152......................................**$34.95**

200 WATT

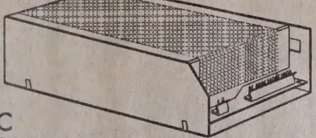


Mfg. - POWER ONE
Mfg.# - SWA200-4800R
10-1/2" x 5" x 2-3/4"
Input: 90-264 VAC, 47-63 Hz
Output: +5 VDC @ 25 amp
-5 VDC @ 1.5 amp
+12 VDC @ 6 amp
-12 VDC @ 1.5 amp
200 watts, switching power supply.
Fully regulated outputs.

40-153......................................**$29.95**

POWER SUPPLIES

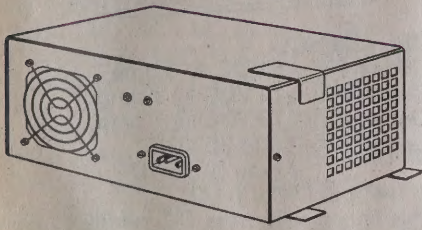
MULTI-OUTPUT



Mfg. - ASTEC
Mfg.# - AC9335-01
8″ x 4-3/8″ x 2-3/8″
Input: 115 VAC, 230 VAC, 50/60 Hz
Output: +5 VDC @ 6 amp
+12 VDC @ 1.5 amp
+12 VDC @ 2.1 amp
-12 VDC @ 250 mA
65 watts, switching power supply
Fully regulated outputs

40-180..**$9.95**

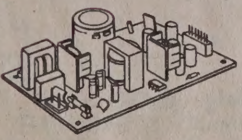
+12 VDC @ 4.13 AMP +5 VDC @ 3.04 AMP SWITCHING



Mfg. - TRW
Mfg.# - 095-10040-081
11″ x 7″ x 4-3/8″
Input: 115 VAC, 50/60 Hz
Output: +12 VDC @ 4.13 amp
+5 VDC @ 3.04 amp
Switching power supply

40-181..**$29.95**

TRIPLE OUTPUT POWER SUPPLY



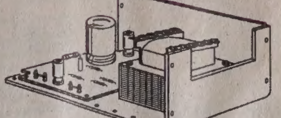
Mfg. - ASTEC
Mfg.# - RBT-22
4″ x 3″ x 1-1/2″
Input: 100/240 VAC
Overvoltage and overload protection.
Built-in EMI filter, low output ripple.
Regulated, fused and filtered.
25 watt switching power supply.

Output: +5.1 VDC @ 3 amp
+12 VDC @ 1.5 amp
-5 VDC @ .5 amp

New

40-187..**$9.95**

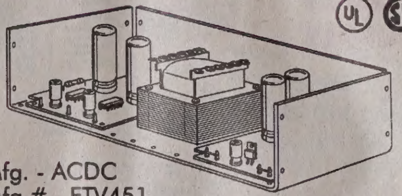
12 VDC @ 3.4 AMP LINEAR POWER SUPPLY



Mfg. - ACDC
Mfg.# - ETV12N3.4
5″ x 2-1/2″ x 5-5/8″
Input: 100-240 VAC
Output: 12 VDC @ 3.4 amp
Regulated with overload and short circuit protection. 40 watt.

40-176..**$24.95**

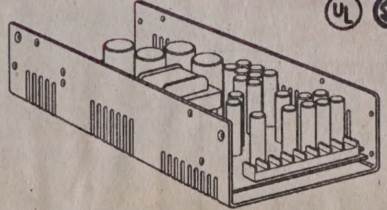
5 VDC @ 6 AMP ±12/±15 VDC @ 1.7 AMP LINEAR POWER SUPPLY



Mfg. - ACDC
Mfg.# - ETV451
11″ x 2-3/4″ x 4-7/8″
Input: 100-240 VAC
Output: +5 VDC @ 6 amp
+12/15 VDC @ 1.7 amp
-12/15 VDC @ 1.7 amp
Regulated with overload and short circuit protection. 75 watt.

40-177..**$34.95**

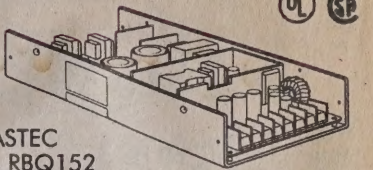
300 WATT MULTI-OUTPUT



Mfg. - POWER ONE
Mfg.# - SWA300-S105
13″ x 5″ x 3″
Input: 110-120/220-240 VAC, 50/60 Hz
Output: -5 VDC @ 3 amp
+12 VDC @ 5A/8 amp PK
-12 VDC @ 3 amp
+24 VDC @ 6A/10 amp PK
+5 VDC 35 amp/OVP
300 watt switching power supply

40-182..**$99.95**

150 WATT MULTI-OUTPUT SWITCHING POWER SUPPLY



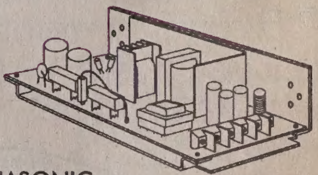
Mfg. - ASTEC
Mfg.# - RBQ152
7-3/4″ x 3-3/4″ x 1-1/2″
Input: 110/220 VAC
Output: +5 VDC @ 15 amp
+12 VDC @ 1 amp
-12 VDC @ 1 amp
+24 VDC @ 3 amp

New

150 watt switching power supply.
Built-in EMI filter.
Overvoltage and overload protection.

40-184..**$39.95**

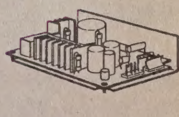
5 VDC @ 12 AMP



Mfg. - PANASONIC
Mfg.# - ETU-5V120
8-1/16″ x 3-13/16″ x 2-1/8″
Input: 100-120 VAC/220-240 VAC
Output: 5 VDC @ 12 amp
96 watt, 47-440 Hz, switching power supply.

40-174..**$18.95**

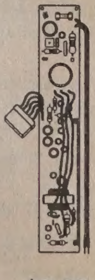
18 VDC @ 1.4 AMP



Mfg. - LAMBDA
Mfg.# - LVS-44188
4-1/4″ x 3-3/4″ x 1-3/8″
Input: 85-132 VAC
Output: 18 VDC @ 1.4 amp
38 watts, switching power supply.

40-140..**$9.95**

TRIPLE OUTPUT

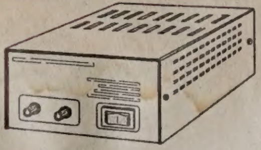


Mfg. - KYOSAN
Mfg.# - KCT040FJ6
14-1/8″ x 2-1/4″ x 1-3/4″
Input: 90-127 VAC
Output: +5 VDC @ 4 amp
+ 12 VDC @ 1 amp
- 12 VDC @ 400 mA
40 watt, switching power supply.

40-136..**$2.25**

POWER SUPPLIES

13.8 VDC REGULATED POWER SUPPLY



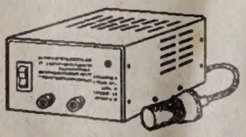
Mfg. - EMCO
Input: 117 VAC, 60 Hz
Regulated and filtered. Features fuse and auto reset circuit breaker. Overload protected. Output via dual binding posts.

4 AMP CONSTANT, 6 AMP SURGE
2-5/8" x 4-1/4" x 7-1/2", 5 lbs
PSR-4..**$26.95**

7 AMP CONSTANT, 9 AMP SURGE
3-3/4" x 6-1/4" x 7-5/8", 7 lbs
PSR-7..**$48.95**

10 AMP CONSTANT, 12 AMP SURGE
4-1/2" x 6-1/2" x 7-3/4", 10 lbs
PSR-10......................................**$63.95**

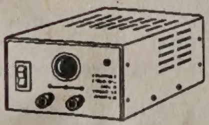
13.8 VDC 3 AMP NON-REGULATED POWER SUPPLY



Mfg. - EMCO
Input: 117 VAC
3 amp constant, 5 amp surge filtered output. Features fuse and auto reset circuit breaker overload protection. Cigarette lighter adapter included.

2-3/4" x 4" x 7-1/2", 4 lbs
PS4CL.......................................**$19.95**

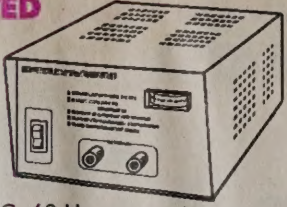
CELLULAR PHONE REGULATED POWER SUPPLY



Mfg. - EMCO
Input: 117 VAC, 60 Hz
Output: 13.8 VDC 4 amp constant
5 amp surge
Regulated supply with constant charging power for portable cellular telephones and other equipment. Output via cigarette receptacle or two color code binding posts. Electronic overload protection with instant automatic reset.

2-3/4" x 4-3/4" x 7-3/4", 5 lbs
PSR-4C......................................**$29.95**

13.8 VDC 18 AMP REGULATED POWER SUPPLY



Mfg. - EMCO
Input: 117 VAC, 60 Hz
Output: 13.8 VDC, 18 amp constant
20 amp surge
Regulated and filtered. Amps meter. Features fuse and auto reset circuit breaker with overload protection. Lighted rocker switch. Output via dual binding posts.

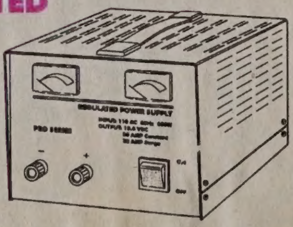
4-3/4" x 7-3/4" x 11-3/8", 16 lbs
PSR-18......................................**$99.99**

13.8 VDC 20 AMP REGULATED POWER SUPPLY

Mfg. - M&G
Input: 110 VAC, 60 Hz, 400 watt
Output: 13.8 VDC, 20 amp constant
22 amp surge
Regulated and filtered. Amps meter. Features fuse, short circuit and overheating protection with auto reset. Built-in voltage surge protection along with a lighted rocker switch. Output via dual binding posts.

4-3/4" x 6-1/4" x 7-7/8", 14 lbs
40-161......................................**$89.95**

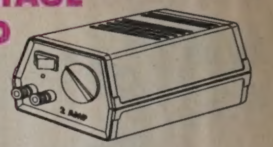
13.8 VDC 30 AMP REGULATED POWER SUPPLY



Mfg. - M&G
Input: 110 VAC, 60 Hz
Output: 30 Amp constant
32 Amp surge
Regulated and filtered. Features fuse and short circuit protection with auto reset. Built in voltage surge protection along with lighted rocker switch. Output via dual binding posts.

5-3/4" x 7-3/4" x 11-5/8", 22 lbs
40-168....................................**$139.95**

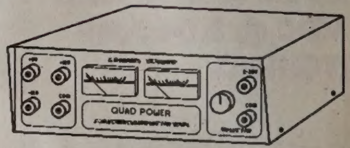
MULTI VOLTAGE REGULATED POWER SUPPLY



5-1/4" x 2-5/8" x 3-7/8"
Input: 117 VAC, 60 Hz
Output: **3, 4.5, 6, 7.5, 9, 12 VDC @ 100-2000 mA**
Regulated and fused power supply features on/off rocker switch on LED light indicator. Output via dual color coded binding posts.

40-183......................................**$17.95**

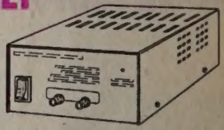
REGULATED QUAD OUTPUT POWER SUPPLY



Mfg. - ELENCO
Output #1: +5 VDC @ 3 amp
Output #2: +12 VDC @ 1 amp
Output #3: - 12 VDC @ 1 amp
Output #4: 2.5 to 20 VDC,
2 amp @ 15 VDC
9-1/4" x 8-1/4" x 3-1/2"
This linear solid state DC supply contains fully regulated metered outputs, three fixed and one variable. All outputs, fixed and variable feature short protection; 0.05 VDC line regulation and 0.005 VDC ripple max RMS. Volt and amp meter for monitoring variable output. Complete with schematic.

40-100......................................**$69.95**

24 VDC REGULATED POWER SUPPLY



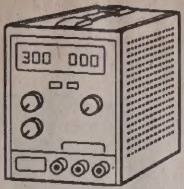
Mfg. - EMCO
Input: 117 VAC, 60 Hz
Regulated and filtered. Features fuse and auto reset circuit breaker overload protection. Output via dual binding posts.

2 AMP CONSTANT, 2.5 AMP SURGE
3" x 4-3/4" x 8-1/2", 5 lbs
40-162......................................**$39.95**

4 AMP CONSTANT, 5 AMP SURGE
4-1/2" x 6-3/4" x 8-1/2", 9 lbs
40-163......................................**$47.95**

POWER SUPPLIES

0 - 30 VDC 0 - 3 AMP POWER SUPPLY

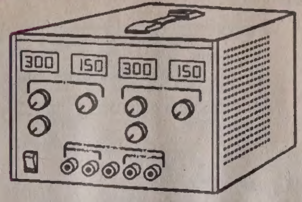


Mfg. - PROTEK
Mfg.# - 3003
5-1/5" x 6-3/10 x 12-1/5"
120 VAC input, 11 lbs

High quality DC power supply featuring a unique power saving design for cooler and more efficient operation. Two separate LED displays, green readout for voltage and red readout for current, gives positive set-up values. Continuously variable with LED indicators signaling either constant operational mode. Good line, load regulation plus low noise and ripple. Mfg. 2 year warranty.

3003.......................................**$224.95**

DUAL DC POWER SUPPLY

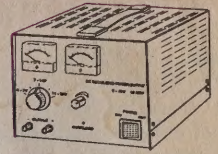


Mfg. - PROTEK
Mfg.# - 3015
14.2" x 9.1" x 6.3"

120 VAC input. Supplies two independent outputs each 0 to 30 VDC @ 0 to 1.5 amp. Each supply can operate series or parallel in either a plus or minus mode. Has four LED readouts with the voltage indicators in green and the two current indicators in red for positive set up identification. 2 year Mfg. warranty.

3015.......................................**$389.95**

ADJUSTABLE 0-20 VDC 10 AMP POWER SUPPLY

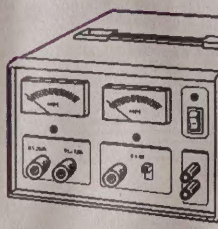


Mfg. - MG
8" x 6" x 11", 21 lbs
Input: 117 VAC, 60 Hz, 6 amp

Output: 0-20 VDC in three ranges selectable by a switch 0-7 VDC, 7-14 VDC and 14-20 VDC at max 10 amp. This regulated and filtered linear power supply features a lighted On/Off rocker switch, short circuit, fused and overload protection. .1% load regulation. Output via dual color coded binding posts. It also has a 0-10 amp meter and a 0-20 volt meter along with a fine adjustment knob and an LED overload indicator. Convenient carrying handle.

40-173.......................................**$149.95**

0-30 VDC 0-5 AMP REGULATED POWER SUPPLY

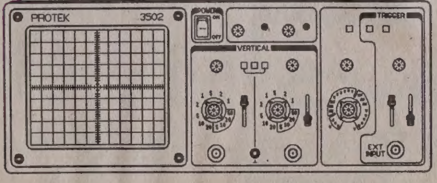


Mfg. - EMCO #PSV-5
- Input: 117/220 VAC, 60 Hz
- Output: 0-30 VDC, 0-5 amp regulated
- Dual panel meters: Volts & amps
- Dual scale amp meter 0-3 & 0-6
- Coarse & fine voltage adjustment
- Hi-Lo current switch with Min/Max control
- Overload & short circuit protection
- Low ripple 0.5 mV RMS
- Heavy duty 3 prong IEC (removable) power cord
- Single output heavy duty binding posts for (+) (-) & ground

This compact versatile unit features a handle, an on/off indicator and easy access fuse holder.

40-116.................................6-1/4" x 8-1/2" x 10", 16 lbs.............................**$249.95**

20 MHz DUAL TRACE "AFFORD-A-SCOPE"

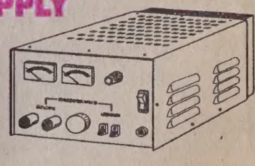


Mfg. - PROTEK
Features component tester for in or out of circuit testing of individual resistors, capacitors, coils & diodes. Includes two probes.

SPECIFICATIONS:
Vertical:
Sensitivity: 5mV - 20V/div, at X5 MAG 1mV -10V/ div
Band Width: DC-20 MHz (-3dB) AC: 10Hz - 20 MHz (-3dB)
Rise Time: Less than 17.5 nsec
Chop Frequency: ~200 KHz maximum input voltage: 600, Vp-por 300V (DC+AC peak)
Horizontal:
Modes X-Axis: Ch 1 input signal
Y-Axis: Ch 2 input signal
Sweep Mode: Normal, Auto
Sweep Time: 2μ sec - .5 sec/div, 40 nsec - .1 sec/div at X5 MAG
Sweep Magnification: X5 (maximum sweeptime 40 nsec/div
2 year mfg. warranty.

P-3502C...............................5-3/4" x 14" x 17-1/8", 17 lbs...........................**$399.95**

0-15 VDC 25 AMP REGULATED POWER SUPPLY

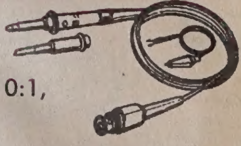


9-1/4" x 8-3/4" x 5-3/8", 20 lbs
Input: 117 VAC, 60 Hz
Output: 0-15 VDC fully adjustable
25 Amp constant, 30 Amp peak

This regulated supply features lighted on/off rocker switch, fused protection, current and voltage meters ranging from 0-40 amps, 0-20 volts. Outputs via: binding posts (30 amp max), lighter socket (10 amp max) and spring clip terminals (6 amp max).

40-166.......................................**$199.95**

OSCILLOSCOPE PROBES



DC to 60 MHz
1:1 switchable 10:1,
maximum
Input: 600-Vp-p

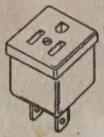
PP-80.......................................**$15.95**

DC to 100 MHz, 10:1, 9M ohm/14 pF, maximum input 600-Vp-p

PP-150.......................................**$29.95**

SL WABER POWER PROTECTION

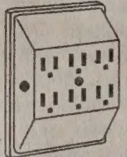
SINGLE OUTLET SURGE PROTECTOR



Mfg. - SL WABER
Mfg.# - EPI
3 conductor-Ivory
Full noise & surge protection
3 line protection H-N, H-G, N-G
Backed by 2 year Mfg warranty

60-312......................................**$3.50**

6 OUTLET WALL PLUG-IN



Mfg. - SL WABER
4-3/4" x 3-1/4" x 1-1/4"
5 year mfg. warranty.

60-231................Surge...............**$4.95**

SURGE/NOISE/TELEPHONE (RJ-11)

6ft telephone cord included

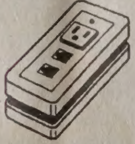
60-291......................................**$5.95**

SURGE/NOISE/CABLE

6ft coax cable included

60-294......................................**$5.95**

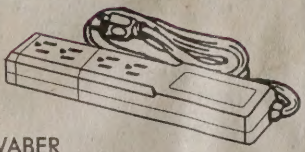
DATAGARD® FOR TELEPHONE LINE PROTECTION



Mfg.# - FG1
2" x 2" x 4-1/2"
Plug in type with one grounded AC outlet and two protected RJ-11 phone jacks. Visual surge indicator. Includes a 6ft phone cord. Backed by lifetime mfg. warranty.

60-295......................................**$7.95**

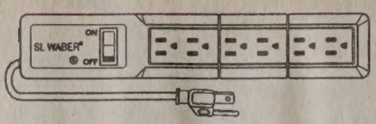
4 OUTLET WABERSTRIP®



Mfg.# - SL WABER
10-1/2" x 2-1/8" x 1-1/4"
Safely converts one outlet into four. Instantly rewires and organizes your work area. Features push-button circuit breaker and a 3ft. heavy duty cord. Backed by 2 year mfg. warranty.

60-293......................................**$2.49**

6 OUTLET SURGE/NOISE

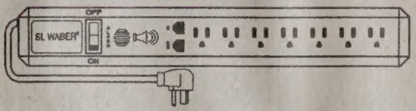


Mfg. - SL WABER
Mfg.# - PM6SP2
12-1/2" x 2-1/8" x 1-1/8"
- 6 switched, grounded outlets
- 2 line protection
- EMI/RFI noise rejection
- Resettable 15 amp circuit breaker
- 400 V clamping, 2 @ 45 joules
- <1 nano second response
- UL1449 rating
- High impact plastic
- 4ft grounded cord
- Backed by 2 year Mfg warranty

60-310......................................**$7.95**

7 OUTLET SURGE/NOISE

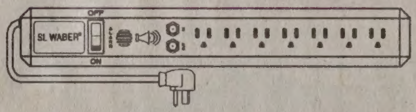
PHONE, FAX, MODEM LINE PROTECTION



Mfg.# - EP7SAM
with 6ft phone cord

60-308....................................**$14.95**

TV, STEREO, CABLE LINE PROTECTION

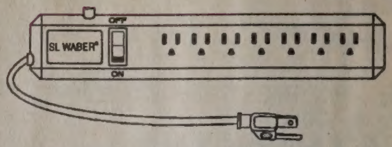


Mfg.# - EP7SAC
with 6ft TV cable

60-309......................................**$9.95**

Mfg. - SL WABER
16" x 2-1/4" x 1-1/4"
- 7 switched, grounded outlets
- Full line protection
- EMI/RFI noise rejection
- Resettable 15 amp circuit breaker
- Audio surge indicator
- 400 V clamping, 210 joules
- <1 nano second response
- UL1449 rating
- High impact thermoplastic
- 4ft grounded cord
- Backed by 5 year Mfg warranty

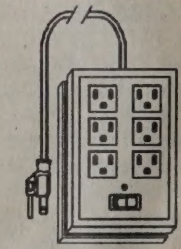
SURGE/NOISE FILTERED POWER STRIP



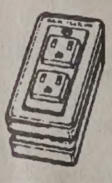
Mfg. - SL WABER, #WH7 NSA
1-1/4" x 2-3/8" x 13-15-16"
This power strip features 7 switched grounded outlets, 15 amp resettable circuit breaker, 4ft 14/3 SJT cord and audible alarm that sounds if surge protection is not functioning. Full line protection hot/neutral, hot/ground & neutral/ground. 90 joules (2 x 45 joules). Backed by 5 year mfg. warranty.

60-226......................................**$9.95**

SURGE SENTRY® EQUIPMENT PROTECTOR

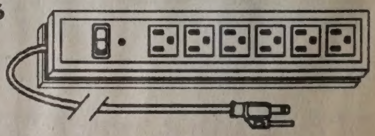


DS6



DS2

DL6



The best protection you can buy for your electronic equipment. Features 8 exclusive patented 3-stage noise and surge protection, UL 1449 & CSA listed, <1 picosecond response time and protection status indicator. Combination of avalanche diodes for speed in response to a surge, a gas tube for its ability to handle large surges and MOVs for their ability to provide speed and longevity. Backed by lifetime mfg. warranty.

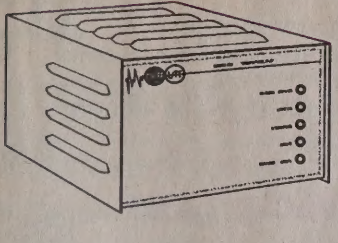
2 outlets, wall mount
DS2........4-1/2" x 2" x 2-1/8".........**$12.95**

In addition to above, has master on/off switch and circuit breaker.

6 outlets w/6ft cord
DS6........6-1/2" x 4-1/4" x 2".........**$29.95**

6 outlets w/6ft cord
DL6........13" x 2-1/8" x 2-1/4"..........**$39.95**

LINE CONDITIONERS



Mfg. - TRIPP LITE
Line conditioners keep you working through brownouts and overvoltages. Automatically adjusts incoming AC from 87 to 140 volts. Built in surge suppression and noise filtering. 2 year mfg. warranty.

600 watt
2 outlets (undervoltage only)
5-1/2" x 6-1/2" x 3-1/2", 8 lbs

LS600..**$89.95**

1200 watt
4 outlets
6" x 7-1/4" x 3-5/8", 12 lbs

LC1200..................................**$159.95**

1800 watt
6 outlets
9" x 8-1/2" x 5", 17 lbs

LC1800..................................**$219.95**

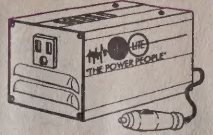
2400 watt
6 outlets
5-1/4" x 7-3/4" x 7", 16 lbs

LC2400..................................**$279.95**

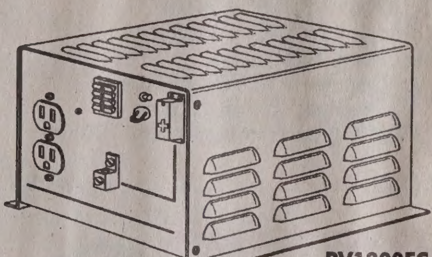
RACK MOUNT
2400 watt
14 outlets
5-1/4" x 19" x 5", 24 lbs *New*

LCR2400.................................**$295.95**

POWER INVERTERS



PV125



PV1200FC

Mfg. - TRIPP LITE
Solid-state electronic power inverters change 12 volts DC into 117 volts AC (60 Hz.) Conveniently operates in cars, campers, boats or wherever 12 volt DC battery power is available. Simply plug your computer, stereo, fax or household appliances into your inverter.

100 watts, one outlet, cigarette lighter plug in.
3" x 6" x 5", 3 lbs.
PV125......................................**$69.95**

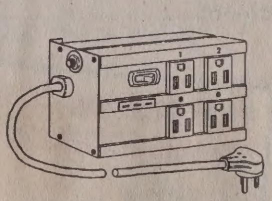
200 watts, one outlet
3" x 6" x 5", 6 lbs.
PV200......................................**$84.95**

400 watts, one outlet
3-5/8" x 7" x 6", 10 lbs.
PV400....................................**$139.95**

550 watts, one outlet
5" x 9" x 9", 19 lbs.
PV550....................................**$204.95**

1200 watts, two outlets
7" x 7-1/2" x 14", 38 lbs.
PV1200FC...............................**$514.95**

ISOBAR SURGE PROTECTION



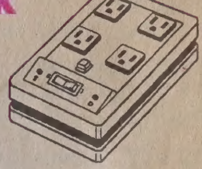
Mfg. - TRIPP LITE
The most advanced surge suppressor available. Isolated filter banks prevent connected equipment from interfering with each other. "Cascade" circuitry increases noise protection for sensitive devices. Current surges up to 13,000 amps are suppressed in less than 5 nanoseconds. Full MOV protection Hot-Neut., H-G, & N-G. Lifetime mfg. Gold Seal Warranty covers ISOBAR and connected equipment for life. Only surge suppressor with two UL listings UL1449 and UL283.

IBAR4............**4 outlets**, 2 filter banks, 6 ft cord, 2-1/2" x 3-1/2" x 6-1/2"..........**$44.95**

IBAR6............**6 outlets**, 3 filter banks, 6 ft cord, 2-1/2" x 3-1/2" x 8-1/2"..........**$55.95**

IBAR8............**8 outlets**, 4 filter banks, 15 ft cord, 2-1/2" x 3-1/2" x 9-1/2"........**$69.95**

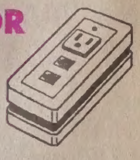
4 OUTLET SURGE SENTRY® FOR HARD DISK PROTECTION



Mfg. - DSD
6-1/2" x 4-1/4" x 2"
Surge Sentry® with CrashGard™ hard disk protection is the only way to get total protection against all forms of electrical power corruption. Features 4 grounded outlets, 6ft cord, exclusive patented 3 stage protection, circuit breaker, protection status indicator and a lifetime warranty.

60-292......................................**$24.95**

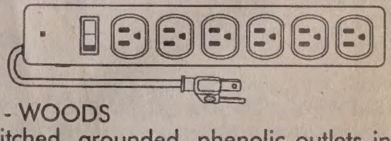
SURGE SENTRY® FOR TELEPHONE LINE PROTECTION



Mfg. - DSLP
4-1/2" x 2" x 2"
Plugs directly into wall outlet with one grounded AC outlet and two protected RJ-11 phone jacks. Three stage surge circuitry plus RFI/EMI noise filtering. Features circuit breaker and protection status indicator. Includes 6ft phone cord. Backed by lifetime mfg. connected equipment warranty.

DSLP...**$19.95**

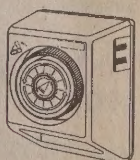
SURGE SUPPRESSOR POWER STRIP



Mfg. - WOODS
6 switched, grounded, phenolic outlets in a rugged metal housing. It features circuit breaker, 4ft 14/3 SJT cord, lighted ON/OFF switch and mounting slots on the back. Full line protection (hot, neutral and ground) plus filters out RFI and EMI, with light indicator for surge.

60-240..**$9.95**

24 HOUR LAMP & APPLIANCE TIMER

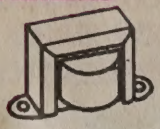


Mfg. - INTERMATIC
Plug-in timer fits in any wall outlet. Manual override ON/OFF switch. Automatically controls lamps and appliances. 125 VAC, 60 Hz, 15 amps resistive.

75-150..**$4.95**

TRANSFORMERS

POWER TRANSFORMERS



PRIMARY
115 VAC, 50/60 Hz

SECONDARY/SIZE
12 VCT, 1 amp (6-0-6)
56-191...2-1/2" x 1-3/8" x 1-1/2".....**$3.95**

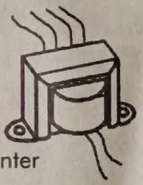
12 VCT, 3 amp (6-0-6)
56-192...2-1/2" x 1-3/4" x 2"...........**$6.49**

12 VCT, 5 amp (6-0-6)
56-193...2-1/2" x 2" x 2"..................**$9.49**

24 VCT, 3 amp (12-0-12)
56-194...2-1/2" x 2-1/2" x 2-3/8"...**$10.95**

24 VCT, 5 amp (12-0-12)
56-195...3" x 2-1/2" x 2-1/2".........**$13.95**

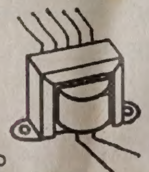
6.3 VAC @ 2 AMP 10 VAC @ 1 AMP



Mfg. - SCHUMACHER
2-3/8" x 2" x 2"
2-7/8" mounting holes on center
Primary: 115 VAC, 60 Hz
Dual Secondary: 6.3 VAC @ 2 amp
10 VAC @ 1 amp

56-432..**$4.25**

9 VAC @ 1 AMP

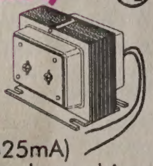


Mfg. - BELMOOR
Mfg.# - BM-389
2-5/16" x 2" x 1-15/16"
Primary: 110/220 VAC
Secondary: 9 VAC @ 1 amp

56-298..**$3.95**

16 VAC 10vA (625mA) TRANSFORMER

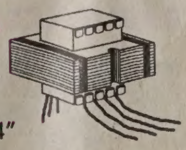
(UL)



Mfg. - CHIMEX, CXT
2-1/4" x 1-3/4" x 2-1/8"
Primary: 120 VAC, 60 Hz
Secondary: 16 VAC 10vA (625mA)
Originally intended for a door chime transformer.

56-503..**$1.95**

16 VCT @ 15 VA (900 mA)

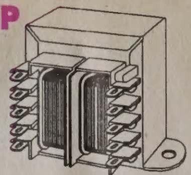


Mfg. - FROST
2-3/16" x 1-7/8" x 1-3/4"
Primary: 115/230 VAC
Secondary: 16 VCT @ 15 VA (900 mA)

56-228..**$1.95**

10 VCT @ 13 AMP 5 VAC @ 26 AMP

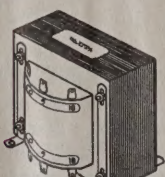
(UL)



Mfg. - SIGNAL
Mfg.# - A41-130-10
2-13/16" x 2-7/8" x 3-3/8"
Primary: 115 VAC, 50/60 Hz
Secondary RMS rating:
Series: 10 VCT @ 13 amp
Parallel: 5V @ 26 amp
1/4" quick connect terminals. 130 vA

56-421..**$24.95**

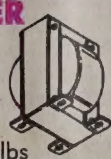
24 VCT @ 4 AMP 12 VCT @ 8 AMP



Mfg. - SIGNAL
Mfg.# - 24-4
3-3/4" x 3-1/8" x 3-1/8"
4-1/2 lbs
Primary: 115 VAC, 50/60 Hz
Secondary RMS rating:
Series: 24 VCT @ 4 amp
Parallel: 12 VCT @ 8 amp
Quick connect terminals

56-438..**$17.95**

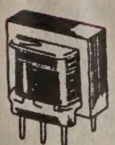
UNIVERSAL RECTIFIER TRANSFORMER



Mfg. - STANCOR
Mfg.# - RT-204
3-13/16" x 3-1/8" x 3-7/8", 6 lbs
Primary: 117 VAC, 50/60 Hz
Output: range of applied AC volts under load (approx.)
C.T. - 11.7 to 29.2 @ 8 amp
Bridge - 11.6 to 29.2 @ 4 amp
(rectifiers not included)
Spec sheet included

56-365..**$22.95**

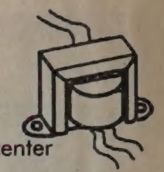
TELEPHONE COUPLING TRANSFORMERS



Mfg. - PREM
Mfg.# - 4518
3/4" x 1/2" x 5/8"
Primary: 600 ohm
Secondary: 600 ohm CT
1 dB insertion loss, PC mount

56-297..**$1.25**

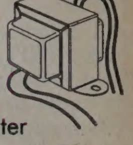
24 VCT @ 500 mA



2" x 1-1/2" x 1-5/8"
2-3/8" mounting holes on center
Primary: 115 VAC
Secondary: 24 VCT @ 500 mA

56-472..**$2.49**

24 VAC @ 1 AMP

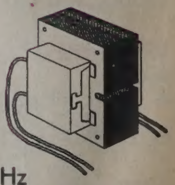


Mfg. - JEC
2-3/4" x 2-1/2" x 2-1/4"
3-1/4" mounting holes on center
Primary: 110 VAC, 60 Hz
Secondary: 24 VAC @ 1 amp

56-433..**$6.95**

24 VAC 1.6 AMP (40vA) TRANSFORMER

(UL)

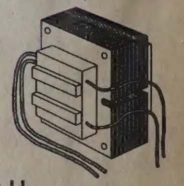


Mfg. - BASLER
Mfg.# - BE121640RBA
2-1/4" x 1-7/8" x 2-3/8"
Primary: 120 VAC, 50/60 Hz
Secondary: 24 VAC 40vA

56-535..**$8.49**

24 VAC 3 AMP (75vA) TRANSFORMER

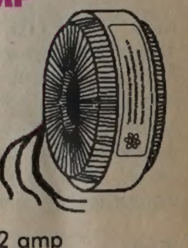
(UL)



Mfg. - BASLER
Mfg.# - BE122775RAA
3" x 2-1/2" x 2-3/4"
Primary: 120 VAC, 50/60 Hz
Secondary: 24 VAC 75vA (3 amp)

56-480..**$11.95**

24 VAC @ 6.2 AMP TRANSFORMER

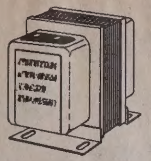


Mfg. - TOROID CORP.
Mfg.# - 4205
3-3/4" dia. x 1-3/4"
Primary: 117 VAC
Secondary: 24 VAC @ 6.2 amp
Toroidal transformer
Complete with spec sheet.

56-385..**$14.95**

CONVERTERS • FILTERS • OUTLETS

STEP-UP STEP-DOWN AUTOFORMER

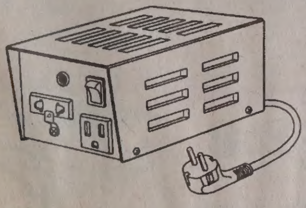


Can Be Used Either Way
Convert 120 VAC to 220 VAC or 220 VAC to 120 VAC. Includes power cord with standard 110V and 220 VAC plugs.

Part#	*Max Wattage*	*Price*
67-3010	100 watts	$19.95
67-3020	200 watts	$26.50
67-3030	300 watts	$35.95
67-3050	500 watts	$48.50
67-3100	1000 watts	$64.95
67-3150	1500 watts	$79.95
67-3200	2000 watts	$99.00

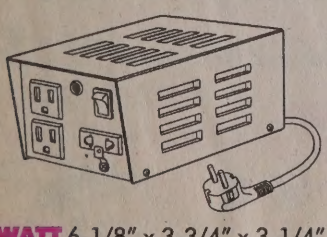
220/240 VAC TO 110/120 VAC VOLTAGE CONVERTORS

Deluxe step-up/step down convertor. Features on/off switch, LED indicator light and fuse protection.



100 WATT 5-1/2" x 3-1/4" x 2-5/8"
56-486.................4 lbs..............$19.95

200 WATT 5-5/8" x 3-5/8" x 3"
56-487.................6 lbs..............$26.50



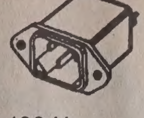
300 WATT 6-1/8" x 3-3/4" x 3-1/4"
56-488.................7 lbs..............$34.95

500 WATT 6-3/8" x 4" x 3-3/8"
56-489.................8 lbs..............$47.50

800 WATT 7-1/2" x 5-3/8" x 4-3/8"
56-490................15 lbs..............$59.95

1000 WATT 9" x 6-1/8" x 4-5/8"
56-491................19 lbs..............$74.95

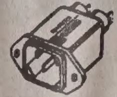
3 AMP



Mfg. - SPRAGUE
Mfg.# - 3JX5421C
2-1/4" x 1-1/4" x 7/8"
3 amp @ 115/250 VAC, 50-400 Hz
IEC 3 prong input, quick-connect output

(1-99) (100-Up)
27-169.........................$1.99....$1.49

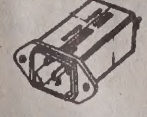
3 AMP



Mfg. - DELTA
2-1/4" x 1" x 1"
3 amp @ 115/250V, 50/60 Hz
IEC 3 prong input, quick-connect output

27-167......................................$1.99

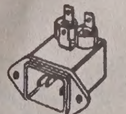
6 AMP



Mfg. - DELTA
Mfg.# - 0SEEG3H
3-1/2" x 2" x 1"
6 amp @ 115/230 VAC, 50/60 Hz
IEC 3 prong input, quick-connect output

27-148......................................$1.99

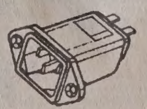
6 AMP



Mfg. - SPRAGUE
Mfg.# - 6JX5432D
1.6" x 1.19" x .85"
6 amp @ 115/220 VAC, 50-400 Hz
IEC 3 prong input, R/A quick-connect output

27-159......................................$2.49

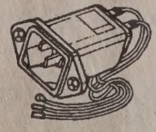
10 AMP ⓊⓁ Ⓢ



Mfg. - DELTA ELECTRONICS
Mfg.# - 10GEEG3E
2-1/4" x 2" x 1"
10 amp @ 115/250 VAC, 50/60 Hz
IEC 3 prong input, quick-connect output

27-173......................................$3.50

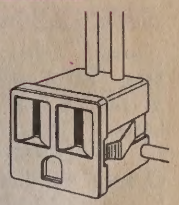
10 AMP



Mfg. - DELTA ELECTRONICS
Mfg.# - 10DEEG3B
2-1/4" x 2" x 1"
10 amp @ 115/250 VAC, 50/60 Hz
IEC 3 prong input, three 6" prewired output.

27-181......................................$3.50

SNAP-IN GROUNDING OUTLET ⓊⓁ



Mfg. - LEVITON
These 1" square outlets are all rated at 15 amp and come with three 14 AWG color coded leads.

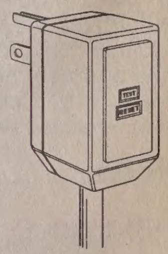
White face with 2" leads
21-261......................................$ .45

Black face with a single 6" lead and two 1/4" quick connects.
21-316......................................$ .55

"Auto" printed on face with 5" to 20" leads.
21-301........White........................$ .65

White face with 6" leads
21-315......................................$ .75

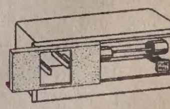
GROUND FAULT INTERRUPTER CABLE



26ft, 18/3 SJT, white cord, 3 wire, built-in ground fault interrupter. Push-to-reset button. GFI rated 7 amp, 125V 60 Hz.

60-187......................................$6.95

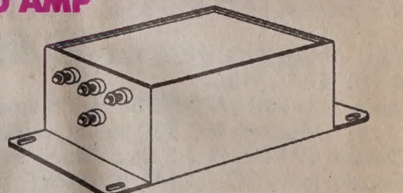
POWER INPUT MODULE



Mfg. - POTTER
Mfg.# - 7100-0002 Panel mount IEC line cord receptacle with 6 amp RFI & EMI filter, fuse holder (for standard AGC fuse) and voltage selector. Selection of 100, 115, 120, 220, 230 & 240 VAC.

27-135......................................$3.99

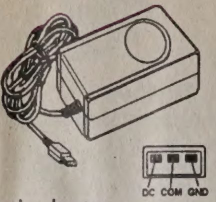
30 AMP



Mfg. - SCHAFFNER
7" x 5" x 3-1/2", 9 lbs
380/220V, 50/60 Hz, 3 phase
Hook-up via 10-32 studs

27-165......................................$19.95

5 VDC @ 2 AMP OR 12 VDC @ .8 AMP SWITCHING POWER SUPPLY

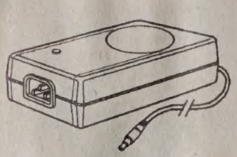


Mfg. - AULT, #SW305
3-1/4" x 1-7/8" x 5-1/8"
Input: 100-250 VAC (IEC),
50/60 Hz, .25-.6 amp
Output: +5 VDC @ 2 amp
+12 VDC @ .8 amp

The enclosure and cord are black. This filtered adapter has a 6ft 18/3 output cord with a 3-pin overmolded connector.

56-440		**$9.95**
60-246	IEC power cord for above	**$2.59**

5 VDC @ 5 AMP REGULATED POWER SUPPLY

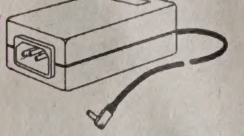


Mfg. - AULT
Mfg.# - SW170
5" x 3" x 1-1/2"
Input: 100-240 VAC (IEC)
Output: 5 VDC @ 5 amp

The enclosure and the 6ft cord are black. The center is positive for polarity. Coaxial jack: OD - .215", ID - .098". Filtered, fused and regulated switching power supply.

56-523	**$34.95**

12 VDC @ 2 AMP REGULATED POWER SUPPLY

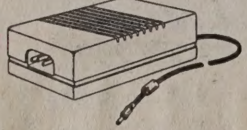


Mfg. - DELL, #24111
4-5/8" x 2-5/16" x 1-5/8"
Input: 100-250 VAC, 47/63 Hz, .6 amp
World Wide AC input with IEC 320 input receptacle.
Output: 12 VDC @ 2 amp (regulated)

Right angle coaxial jack: OD - .215", ID - .081". Center is positve for polarity. Originally intended for notebook computers. Regulated, filtered and fused. Switching power supply.

56-413		**$19.95**
60-246	IEC power cord for above	**$2.59**

12 VDC @ 2.5 AMP REGULATED POWER SUPPLY

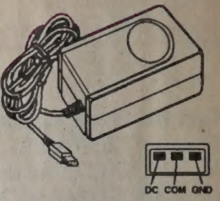


Mfg. - PHIHONG, #PSA-122
5-7/8" x 3" x 1-3/4"
Input: 100-240 VAC, 50/60 Hz, .8 amp, 30 watt, World Wide AC input with IEC 320 input receptacle.
Output: 12 VDC @ 2.5 amp (regulated)

Coaxial jack: OD - .214", ID - .098" Center is positive for polarity. Can be used in applications such as microcomputers, telecom equipment, portable instruments and peripherals. Over voltage and short circuit protection. Low profile. Power on LED. Regulated, filtered and fused. Switching power supply.

56-423		**$24.95**
60-246	IEC power cord for above	**$2.59**

5 VDC @ 4 AMP OR 12 VDC @ 1 AMP SWITCHING POWER SUPPLY



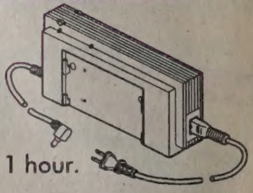
New

Mfg. - AULT, #SW305
5-3/4" x 3-3/8" x 2"
Input: 100-250 VAC (IEC)
50/60 Hz, .3 - .7 amp
Output: +5 VDC @ 4 amp
+12 VDC @ 1 amp

The enclosure and cord are black. The filtered adapter has a 6ft 18/3 output cord with a 3-pin overmolded connector.

56-545		**$19.95**
60-246	IEC power cord for above	**$2.59**

HEWLETT PACKARD RAPID RECHARGER FOR HP DESKJET PORTABLE PRINTERS



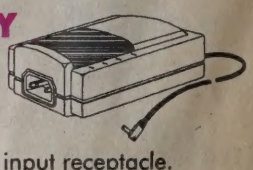
Mfg. - HEWLETT PACKARD
6-1/8" x 2-3/4" x 1-5/8"
Input: 100-240 VAC, 50/60 Hz
Output: 11 VDC @ 1.8 amp (printing)
8 VDC @ 1.3 amp (charging)

Holds 2 batteries. Recharges batteries in 1 hour. Use in place of standard power adapter.

Battery compatibility:
HP part#'s C3003A, C3058A, C3059A
PANASONIC part#'s PV-BP15, VW-VBS1, VW-VBS1E

56-483	**$39.95**

12 VDC @ 2 AMP REGULATED POWER SUPPLY

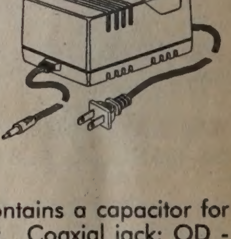


Mfg. - DELL, #APAC-1
5-1/2" x 3" x 1-3/4"
Input: 100-240 VAC, 50/60 Hz, .6 amp
World Wide AC input with IEC 320 input receptacle.
Output: 12 VDC @ 2 amp (regulated)

Right angle coaxial jack: OD - .215", ID - .081". Center is positve for polarity. Originally intended for notebook computers. Regulated, filtered and fused. Switching power supply.

56-412		**$19.95**
60-246	IEC power cord for above	**$2.59**

13.5 VDC @ 2.1 AMP DESKTOP ADAPTER



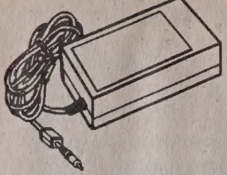
Mfg. - SCEPTRE
4" x 2-3/4" x 2-1/4"
Input: 120 VAC, 60 Hz, 47 watt
Output: 13.5 VDC @ 2.1 amp

The enclosure and 6ft cord are black. Contains a capacitor for filtering. The center is positive for polarity. Coaxial jack: OD - .215", ID - .096".

56-445	**$14.95**

POWER SUPPLIES

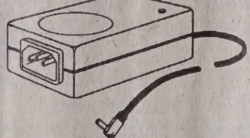
IBM® 15 VDC @ 1.3 AMP REGULATED POWER SUPPLY



Mfg. - PANASONIC (for IBM®)
Mfg.# - 48G8290
5-3/8" x 2-7/8" x 1-1/2"
Input: 100-240 VAC (IEC)
Output: 15 VDC @ 1.3 amp
Originally intended for IBM 9552. Center is positive for polarity. Coaxial jack: OD - .255", ID - .118". Fully regulated and filtered. IEC power cord included.

56-302...**$19.95**

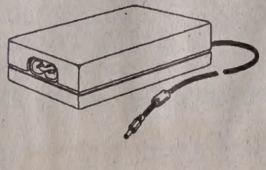
16 VDC @ 1.56 AMP REGULATED POWER SUPPLY



Mfg. - AULT
Mfg.# - SW112
5" x 3" x 1-5/8"
Input: 100-250 VAC, 50/60 Hz
World Wide AC input with IEC 320 input receptacle
Output: 16 VDC @ 1.56 amp
The enclosure and 6ft cord are black. Right angle coaxial jack: OD - .215", ID - .98". Center is negative for polarity. Regulated filtered and fused. Switching power supply.

56-513...**$19.95**
60-246..............6ft black power cord for above...............**$2.59**

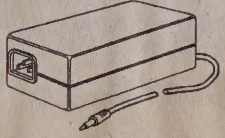
17.5 VDC 1.8 AMP SLIMLINE AC ADAPTER



Mfg. - COMPAQ
Mfg.# - 2832A
4-1/2" x 2-1/4" x 1-1/8"
Input: 100-120/220-240 VAC
50/60 Hz, .6/.3 amp
Output: 17.5 VDC @ 1.8 amp, 20 watt
Coaxial jack: OD - .215", ID - .081". Center is positive for polarity. Originally intended for notebook computers. Regulated, filtered and fused. 115 VAC power cord included.

56-415...**$19.95**

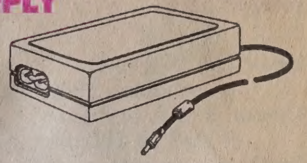
24 VDC @ 1 AMP REGULATED POWER SUPPLY



Mfg. - ASTEC
Mfg.# - SA25-3109
4-5/8" x 2-1/4" x 1-3/8"
Input: 100-240 VAC (IEC). Output: 24 VDC @ 1 amp
The enclosure and 6ft cord are gray. 24 watt, level B EMI filter. Fully protected for overload and short circuit. Filtered and regulated. Coaxial jack: OD - .215", ID - .098".
Center is positive for polarity.

56-479...**$12.95**
60-367...............6ft gray power cord for above..............**$1.99**

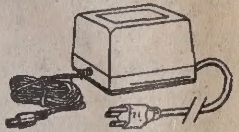
15 VDC @ 2.33 AMP REGULATED POWER SUPPLY



Mfg. - DIGITAL
Mfg.# - FR-PCP7H-AD
4-3/4" x 2-3/8" x 1-1/8"
Input: 100-240 VAC, 50/60 Hz
Output: 15 VDC @ 2.33 amp
The enclosure and the cord are steel gray. The center is positive for polarity. Coaxial plug: OD - .215", ID - .098". Fused, filtered and regulated. 117 VAC black cord is included.

56-527...**$19.95**

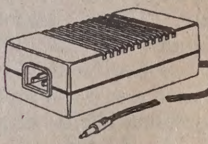
17.5 VDC @ 1.5 AMP POWER SUPPLY



Mfg. - APS
Input: 115 VAC 60 Hz
Output: 17 VDC @ 1.5 amp
3-1/4" x 2-1/4" x 2-3/4"
The enclosure and the cords are black. This filtered adapter has a 6ft 18/3 input cord which is grounded and a 6ft 18/2 SPT output cord. Contains either one 10,000 mfd capacitor or two 4,700 mfd capacitors for filtering. Center is positive for polarity. Coaxial plug: OD - .215", ID - .082".

56-262...**$8.95**

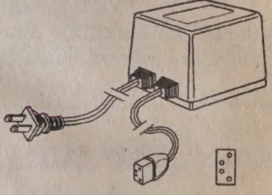
19.5 VDC @ 2.8 AMP REGULATED POWER SUPPLY



Mfg. - ASTEC, #AA16550
6-1/2"(L) x 3-1/8"(W) x 2"(H)
Input: 100-240 VAC, 50/60 Hz
World Wide AC input with IEC 320 input receptacle.
Output: 19.5 VDC @ 2.8 amp
Coaxial jack: OD - .214" x .098"
Center is positive for polarity. The enclosure and 5ft 18/2 cord are black. Fuse filtered & regulated. Switching power supply.

56-442...**$19.95**
60-246..................IEC power cord for above...................**$2.59**

18 VAC @ 1.2 AMP (22vA) 7.5 VAC @ 130 mA (1vA)



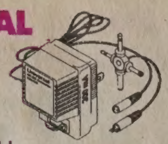
Mfg. - TEXAS INSTRUMENTS
Mfg.# - AC9500
3" x 2-5/8" x 2-1/8"
Input: 120 VAC, 60 Hz, .3 amp
Output: 18 VAC @ 1.2 amp (22vA)
7.5 VAC @ 130 mA (1vA)
The enclosure and 6ft cords are black.
Output via 4 pin molded plug.

New

56-536...**$4.95**

MULTI-OUTPUT ADAPTERS

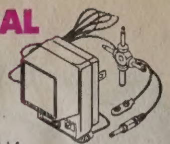
300 mA UNIVERSAL ADAPTER



Input: 110/220 VAC
(switchable), 50/60 Hz
Output: 3, 4.5, 6, 7.5 and
9 VDC @ 300 mA
Features a reverse polarity plug and universal plugs on a 6ft cord.

56-431..**$2.95**

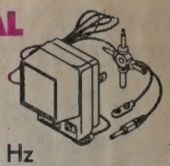
500 mA UNIVERSAL ADAPTER



3" x 2" x 2"
Input: 117 VAC, 60 Hz, 8 W
Output: 3, 4-1/2, 6, 7-1/2, 9, 12 VDC @ 500 mA. Features a reverse polarity switch with 3.5mm, 2.1mm, and 2.5mm DC power plugs.

56-200..**$5.95**

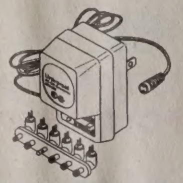
1 AMP UNIVERSAL ADAPTER



3-7/8" x 2-1/8" x 2"
Input: 110/220 VAC
(switchable), 50/60 Hz
Output: 1.5, 3, 4.5, 6, 7.5, 9, 12 VDC @ 1000 mA. Features a polarity reverse switch for the 1.5mm, 2mm, 2.5mm DC jacks; 3/32", 1/8" DC plugs, and a 9 volt battery clip.

56-286..**$6.95**

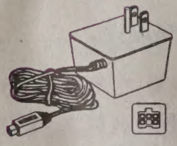
MULTI OUTPUT ADAPTER



2-1/8" x 2" x 3"
Input: 120 VAC, 60 Hz, 12 watt
Output: 3, 4.5, 6, 7.5, 9, 12 VDC @ 500 mA
The enclosure and 6ft cord are black. LED indicator lamp.
Features a reverse polarity plug and 6 interchangeable tips:
3.5mm x 1.3mm, 3.5mm, 5mm x 2.1mm,
5.5mm x 1.5mm, 5.5mm x 2.5mm, 5.5mm x 2mm

56-441..**$5.95**

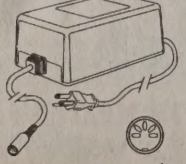
12 VDC @ 130 mA or 5 VDC @ 500 mA



Mfg.# - AULT
Mfg.# - 5712-305-413E99
3" x 2-3/4" x 1-7/8"
Input: 120 VAC, 60 Hz, .18A
Output: ±12 VDC 130 mA
+5 VDC 500 mA
6ft cord and 5 pin molded plug are black.
Regulated, filtered and grounded.

56-516..**$3.95**

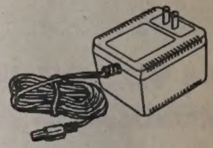
5 VDC @ 1 AMP ±12 VDC @ 250 mA REGULATED DESKTOP POWER SUPPLY



Mfg. - AULT (for US ROBOTICS)
Mfg.# - 7612-305-469E
4-3/4" x 2-3/8" x 2-5/8"
Input: 120 VAC, 60 Hz (Grounded)
Output: 5 VDC @ 1 amp
± 12 VDC @ 250 mA
The enclosure and the 6ft cords are black. Output via a 5 pin din connector. Filtered, fused and regulated switching power supply.

56-524..**$9.95**

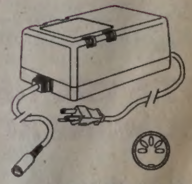
MULTI OUTPUT ADAPTER



Mfg. - COLECO, #55416
4-3/4" x 3" x 2-1/4", 2 lbs
Input: 120 VAC, 60 Hz, .25A
Output: +5 VDC .9 amp
- 5 VDC .1 amp
+12 VDC .3 amp
Ground
5-1/2ft cord and molded plug, black. Originally designed as a power supply for Colecovision video game system.

56-370..**$5.95**

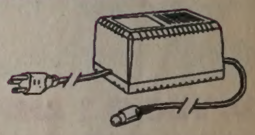
+5 VDC @ 750 mA ±12 VDC @ 360 mA REGULATED POWER SUPPLY



Mfg. - US ROBOTICS, #T512750/27
4-3/4" x 3" x 2-5/16"
Input: 120 VAC, 60 Hz, 30 watt
Output: +5 VDC @ 750 mA
±12 VDC @ 360 mA
The enclosure and the cords are black. The input cord is 6ft black and grounded. Output via 6ft black cord with 5 pin female din.

56-529..**$5.95**

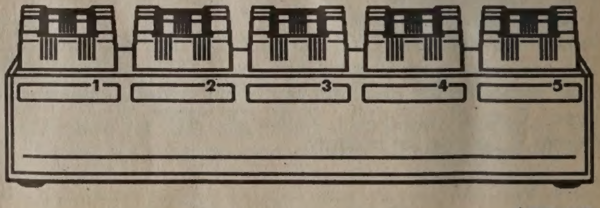
5 VDC @ 500 mA OR 12 VDC @ 1 AMP REGULATED DESKTOP POWER SUPPLY



Mfg. - WELTEC DIGITAL
5-1/4" x 3-1/8" x 2-1/2"
Input: 120 VAC
Output: +5 VDC @ .5 amp
+12 VDC @ 1 amp
Fully regulated and filtered. 6ft 18/3 black cord. 6ft black cord, 5 pin din output. Switching power suppy

56-369..**$12.95**

STANDARD MULTI-CHARGER

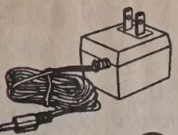


Mfg. - GE MOBILE COMMUNICATIONS, #19B80150
Input: 110 VAC, 50/60 Hz
Secondary voltage: 8.5 VDC @ 170 mA
Charges GE models: MPA, MPD, MTL, PLS & TPX.
Charge one to five GE radios simultaneously.
Features red LED to indicate unit is charging. Fused at 1 amp.

56-219..**$49.95**

ADAPTERS

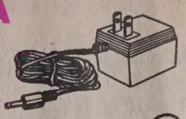
3 VDC @ 100 mA



Mfg. - UNISONIC
Mfg.# - 622
1-3/4" x 1-3/8" x 2-1/8"
Input: 117 VAC, 60 Hz, 3 watt
Output: 3 VDC @ 100 mA
The enclosure and 6ft cord are black. The 3/32" plug is center negative for polarity. 100 to a case.

	(1-99)	(100-up)
56-362	$1.99	$1.75

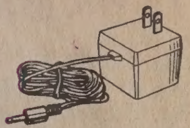
3 VDC @ 200 mA



Mfg. - UNISONIC
Mfg.# - 650
1-5/8" x 1-3/8" x 2"
Input: 117 VAC, 60 Hz, 5 watt
Output: 3 VDC @ 200 mA
The enclosure and 6ft cord are black. The 3/32" plug is center negative for polarity. 100 to a case.

	(1-99)	(100-up)
56-361	$2.25	$1.99

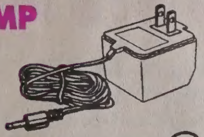
4 VDC @ 75 mA



Mfg. - MELCOR
Mfg.# - 93B020
2" x 1-3/4" x 2-1/8"
Input: 115 VAC, 50/60 Hz
Output: 4 VDC @ 75 mA
The enclosure and 6ft cord are black. The 3/32" plug is positive for polarity.

56-389..$1.25

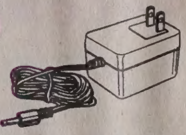
4.5 VDC @ 1 AMP



2" x 1-3/4" x 2-3/4"
Input: 120 VAC, 60 Hz, 9.5 W
Output: 4.5 VDC @ 1 amp
The enclosure and 6ft cord are black. Class 2 transformer. The 1/8" plug is center positive for polarity.

56-420..$4.95

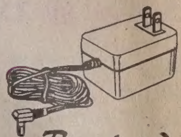
5 VDC @ 800mA



Mfg. - SHIVA
Mfg.# - 650-0119-00
3-1/4"(L) x 2-1/4"(W) x 2"(H)
Input: 120 VAC, 60 Hz, 20 watt
Output: 5 VDC @ 800 mA
The enclosure and 6ft cord are black. The 3/32" plug is positive for polarity.

56-447..$7.95

5 VDC @ 1 AMP

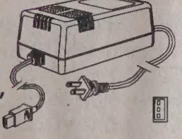


Mfg. - IOMEGA, #APS48ER
3-3/16" x 2-1/8" x 1-7/8"
Input: 115 VAC, 60 Hz
Output: 5 VDC @ 1 amp *Regulated*
The enclosure and 6ft cord are black. Center is positive for polarity. Right angle coaxial jack: OD - .215", ID - .096". Regulated and filtered.

56-504..$7.95

5 VDC @ 1.5 AMP

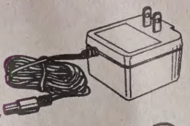
Regulated



Mfg.# - 7202C-3
5-13/16" x 2-1/2" x 2-7/8"
Input: 117 VAC, 60 Hz
Output: 5 VDC @ 1.5 amp
The enclosure and cords are black.
Regulated and filtered.

56-534..$9.95

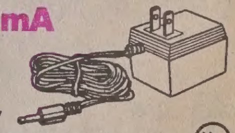
5 VDC @ 2 AMP



Mfg. - HONDA
2-1/4" x 2-7/8" x 1-7/8"
Input: 120 VAC, 60 Hz, 20 watt
Output: 5 VDC @ 2 amp
The enclosure and the 6ft cord are black. Center is negative for polarity.
Coaxial jack: OD - .215", ID - .081"

56-288..$7.95

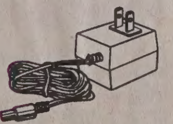
6 VDC @ 100 mA



Mfg. - UNISONIC
Mfg.# - SY-1200
1-1/2" x 1-3/8" x 2"
Input: 117 VAC, 50/60 Hz, 10 watt
Output: 6 VDC @ 100 mA
The enclosure and 6ft cord are black. The 3/32" plug is center negative for polarity.

	(1-99)	(100-up)
56-363	$2.25	$1.99

6 VDC @ 100 mA

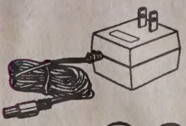


Mfg. - DVE
Mfg.# - DV-6100
2" x 1-3/8" x 1-1/4"
Input: 120 VAC, 60 Hz, 3 watt
Output: 6 VDC @ 100 mA
The enclosure and 6ft cord are black. Center is positive for polarity. Coaxial jack: OD - .215", ID - .082".

New

56-539..$1.99

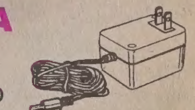
6 VDC @ 200mA



Mfg. - STANCOR
Mfg.# - STA-3560-2
1-3/4" x 1-1/2" x 2-1/4"
Input: 120 VAC, 60 Hz, 6 watt
Output: 6 VDC @ 200mA
The enclosure and 6ft cord are black. Center is negative for polarity. Coaxial jack: OD - .215", ID - .096".

56-417..$2.59

6 VDC @ 400 mA

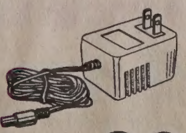


Mfg. - SHARP
Mfg.# - RADP-012SDEO
3-1/4" x 2" x 1-5/8"
Input: 120 VAC, 60 Hz, 6.5 watt
Output: 6 VDC @ 400 mA
The enclosure and 6ft cord are black.
Center is positive for polarity. Coaxial jack: OD - .158", ID - .074".

New

56-506..$3.49

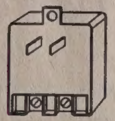
6 VDC @ 2 AMP



Mfg. - SEIKO
Mfg.# - DPU-411-01
3-3/8" x 2-3/8"
Input: 120 VAC, 60 Hz, 30 watt
Output: 6 VDC @ 2 amp
The enclosure and the 6ft cord are black.
Center is negative for polarity.
Coaxial jack: OD - .215", ID - .079"

56-185..$7.95

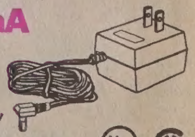
6.6 VDC @ 500 mA



Mfg. - DYNAMIC INST
1-7/8" x 1-7/8" x 1-9/16"
Input: 120 VAC, 60 Hz, 8 watt
Output: 6.6 VDC @ 500 mA
Class 2, the enclosure is black, output via two screw terminals.

56-247..$1.49

7.5 VDC @ 200mA

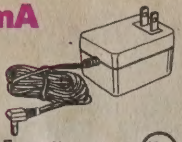


Mfg. - AT&T
Mfg.# - DV-7520
2-1/8" x 1-5/8" x 1-3/8"
Input: 120 VAC, 60 Hz, 3 watt
Output: 7.5 VDC @ 200mA
The enclosure and 6ft cord are black. The center is positive for polarity. Coaxial plug OD - .135", ID - .05".

56-509..$1.99

ADAPTERS

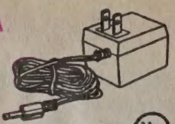
7.5 VDC @ 850 mA



Mfg. - ENG
Mfg.# - 48-7.5-850 D
3-1/8" x 2-1/4" x 1-7/8"
Input: 120 VAC, 60 Hz, 15 watt
Output: 7.5 VDC @ 850 mA
The enclosure and 6ft cord are black. Center is positive for polarity. Right angle coaxial jack: OD - .215", ID - .082".

56-492..**$4.99**

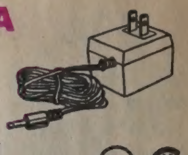
9 VDC @ 200 mA



Mfg. - UNISONIC
Mfg.# - 9200
1-7/8" x 1-1/2" x 2-3/8"
Input: 117 VAC, 60 Hz, 5 watt
Output: 9 VDC @ 200 mA
The enclosure and 6ft cord are black. The 3/32" plug is center negative for polarity.

(1-99) *(100-up)*
56-364..........................**$2.25**....**$1.99**

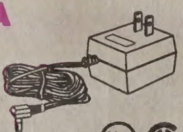
9 VDC @ 200 mA



Mfg. - US ROBOTICS
Mfg.# - AD-0920M
2-1/8" x 1-3/4" x 1-1/2"
Input: 120 VAC, 60 Hz, 5 watt
Output: 9 VDC @ 200 mA
The enclosure and 6ft cord are black. The 1/8" plug is center positive for polarity.

New
56-538..**$2.25**

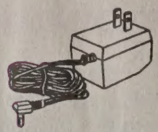
9 VDC @ 210 mA



Mfg. - SONY
Mfg.# - AC-T48
1-3/8" x 1-1/2" x 2-1/4"
Input: 120 VAC, 50/60 Hz, 4 watt
Output: 9 VDC @ 210 mA
The enclosure and 6ft. cord are beige. Center is positive for polarity. Right angle coaxial jack: OD - .188", ID - .069".

56-396..**$2.35**

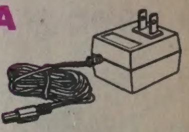
9 VDC @ 210 mA



Mfg. - SONY
Mfg.# - AC-T35
1-3/4" x 1-1/2" x 2-1/2"
Input: 120 VAC, 60 Hz, 4 watt
Output: 9 VDC @ 210 mA
The enclosure and the 6ft cord are black. Center is positive for polarity. Right angle coaxial jack: OD - .188", ID - .065"

91-335..**$2.35**

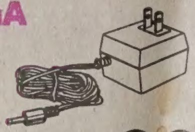
9 VDC @ 300 mA



Mfg.# - UNIDEN
Mfg.# - AD-0930M
2-1/8" x 1-5/8" x 1-1/2"
Input: 120 VAC, 60 Hz, 5 watt
Output: 9 VDC @ 300 mA
The enclosure and 6ft cord are beige. Center is negative for polarity. Coaxial jack: OD - .215", ID - .098"

56-515..**$2.99**

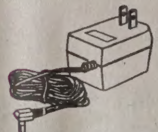
9 VDC @ 300 mA



Mfg. - DVE
1-3/4" x 1-1/2" x 2-1/4"
Input: 120 VAC, 60 Hz, 5 watt
Output: 9 VDC @ 300 mA
The enclosure and the 6ft cord are black. The 1/8" plug is positive for polarity.

56-313..**$2.99**

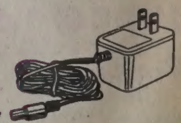
9 VDC @ 300 mA



Mfg. - SONY
Mfg.# - AC-T37
1-7/8" x 1-5/8" x 2-1/4"
Input: 120 VAC, 60 Hz, 4.5 watt
Output: 9 VDC @ 300 mA
6ft. cord, center is positive for polarity. Right angle coaxial jack: OD - .187", ID - .067"

56-399.............Off White.............**$2.99**

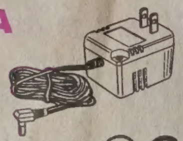
9 VDC @ 300mA



Mfg. - POONGHAN
Mfg.# - PH-0930
2-1/4" x 1-7/8" x 1-5/8"
Input: 120 VAC, 60 Hz, 5 watt
Output: 9 VDC @ 300mA
The enclosure and 6ft cord are black. Center is positive for polarity. Coaxial jack: OD - .215", ID - .082".

New
56-549..**$2.99**

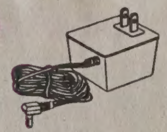
9 VDC @ 450 mA



Mfg. - GE
Mfg.# - 5-2284A
2-1/2" x 2" x 1-5/8"
Input: 120 VAC, 60 Hz, 10 watt
Output: 9 VDC @ 450 mA
The enclosure and 6ft cord are ivory. Center is negative for polarity. Right angle coaxial jack: OD - .197", ID - .061".

New
56-478..**$2.99**

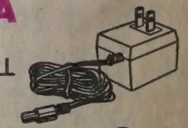
9 VDC @ 500 mA



Mfg. - DICTAPHONE
Mfg.# - 652401
2-1/8" x 1-5/8" x 2-3/8"
Input: 120 VAC, 60 Hz, 12 watt
Output: 9 VDC @ 500 mA
The enclosure and the 6ft cord are light gray. Center is positive for polarity. Right angle coaxial jack: OD - .21", ID - .08".

56-320..**$3.25**

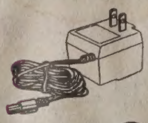
9 VDC @ 500 mA



Mfg. - SOUTHWESTERN BELL
Mfg.# - T955
2" x 1-5/8" x 2-3/8"
Input: 120 VAC, 60 Hz, 11 watt
Output: 9 VDC @ 500 mA
The enclosure and 6ft. cord are black. Center is positive for polarity. Coaxial jack: OD - .213", ID - .083"

56-422..**$3.25**

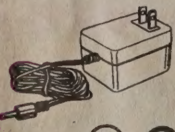
9 VDC @ 700 mA



Mfg. - SEIKO
Mfg.# - VFK-970B1
3" x 2-1/4"
Input: 120 VAC, 60 Hz, 15 watt
Output: 9 VDC @ 700 mA
The enclosure and the 6ft cord are black.
Center is negative for polarity.
Coaxial jack: OD - .215", ID - .079"

56-186..**$4.95**

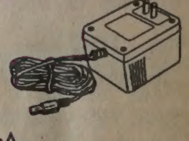
9 VDC @ 1 AMP



Mfg. - ATARI
Mfg.# - C103889-001
2-5/8" x 2-1/8" x 2"
Input: 120 VAC, 60 Hz, 15 watt
Output: 9 VDC @ 1 amp
The enclosure and 6ft cord are black. The 1/8" plug is center positive for polarity.

56-477..**$5.95**

9 VDC @ 1.2 AMP

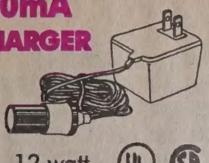


Mfg. - TAMURA
Mfg.# - 825A 4620
2-1/4" x 3-1/4" x 2"
Input: 120 VAC, 60 Hz
Output: 9 VDC @ 1200 mA
The enclosure and 6ft cord are black. Center is negative for polarity. Coaxial jack OD - .215", ID - .078".

56-403..**$6.95**

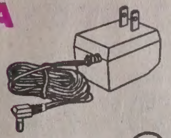
ADAPTERS

11.6 VDC @ 300mA
NICAD BATTERY CHARGER



Mfg. - AT&T
Mfg.# - 3440T/3450T
2-1/4" x 2" x 1-5/8"
Input: 120 VAC, 60 Hz, 12 watt
Output: 11.6 VDC @ 300mA
Cellular telephone battery charging power supply for models 3240, 3045 and 3043. Charges nickel cadmium batteries only.
56-505.......................................**$2.25**

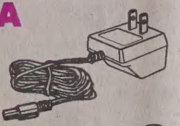
12 VDC @ 200 mA



Mfg. - PANASONIC
Mfg.# - KX-A09
2" x 2-1/4"
Input: 120 VAC, 60 Hz, 6 watt
Output: 12 VDC @ 200 mA
The enclosure and the 6ft cord are gray. Center is negative for polarity. Right angle coaxial jack: OD - .215", ID - .081"

E-1758.......................................**$1.75**

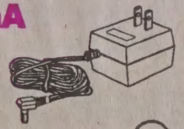
12 VDC @ 300 mA



Mfg. - EPILADY
Mfg.# - 81351010
2-1/2" x 1-7/8" x 1-5/8"
Input: 120 VAC, 60 Hz, 6 watt
Output: 12 VDC @ 300 mA
The enclosure and the 6ft cord are white. Center is positive for polarity.
Coaxial jack: OD - .215", ID - .09"

56-353.......................................**$1.99**

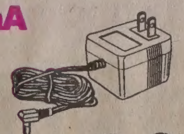
12 VDC @ 500 mA



Mfg. - PANASONIC
Mfg.# - KX-A11
2" x 2-3/8"
Input: 120 VAC, 60 Hz, 12 watt
Output: 12 VDC @ 500 mA
Center is negative for polarity. Right angle coaxial jack: OD - .215", ID - .077"
6ft cord included.

E-1760-B.............black.................**$2.49**

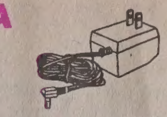
12 VDC @ 500 mA



Mfg. - INNOVA
Mfg.# - AM-12500
1-7/8" x 1-5/8" x 2-1/2"
Input: 120 VAC, 60 Hz, 12 watt
Output: 12 VDC @ 500 mA
The enclosure and 6ft cord are black. The center is positive for polarity. Right angle coaxial jack: OD - .196", ID - .08"

56-436.......................................**$2.49**

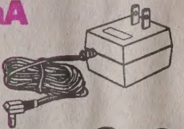
12 VDC @ 100 mA



Mfg. - PANASONIC
Mfg.# - KX-A10
1-3/4" x 2-1/4"
Input: 120 VAC, 60 Hz, 5 watt
Output: 12 VDC @ 100 mA
The enclosure and the 6ft cord are gray. Center is negative for polarity.
Coaxial jack: OD - .215", ID - .081"

E-1759.......................................**$1.75**

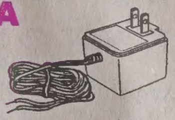
12 VDC @ 200 mA



Mfg.# - DV-1220DC
2-1/8" x 1-5/8" x 1-1/2"
Input: 120 VAC, 60 Hz, 5 watt
Output: 12 VDC @ 200 mA
The enclosure and 6ft cord are gray. Center is positive for polarity. Right angle coaxial jack: OD - .215", ID - .096"

56-494.......................................**$1.75**

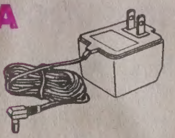
12 VDC @ 300 mA



Mfg. - ALERT PRODUCTS
Mfg.# - AD-1230
2-1/8" x 2-1/8" x 1-5/8"
Input: 120 VAC, 60 Hz, 7 watt
Output: 12 VDC @ 300 mA
Cord has stripped and tinned leads.

56-495.......White.........................**$1.75**
56-496.......Black.........................**$1.75**

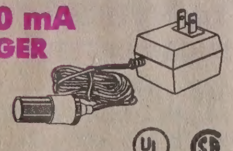
12 VDC @ 500 mA



Mfg.# - AD1250-8LEW
2-1/2" x 2" x 1-3/4"
Input: 120 VAC, 60 Hz, 9.5 watt
Output: 12 VDC @ 500 mA
The enclosure and 6ft cord are ivory. Center is positive for polarity. Right angle coaxial jack: OD - .215", ID - .082".

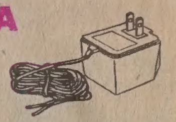
56-476.......................................**$2.25**

12 VDC @ 500 mA
ADAPTER/CHARGER



Mfg. - INNOVA
Mfg.# - DV-1250
2" x 1-5/8"x 2-3/8"
Input: 120 VAC, 60 Hz, 12 watt
Output: 12 VDC @ 500 mA
The enclosure and 6ft cord are black. Center is positive for polarity. AC charger with female lighter socket.
56-437.......................................**$3.99**

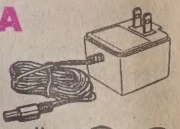
12 VDC @ 200 mA



Mfg. - AT&T
Mfg.# - 4000T
1-3/4" x 1-1/2" x 2-1/4"
Input: 120 VAC, 60 Hz, 6 watt
Output: 12 VDC @ 200 mA
The enclosure and the 6ft cord are gray. Cord has stripped and tinned leads.

(1-99) *(100-up)*
56-309............................**$1.50**....**$ .99**

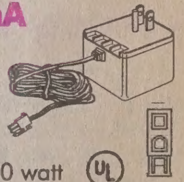
12 VDC @ 200 mA



Mfg.# - 351202002COA
2-1/4" x 1-3/4" x 1-1/2"
Input: 120 VAC, 60 Hz, 6 watt
Output: 12 VDC @ 200 mA
The enclosure and 6ft cord are black. Center is positive for polarity. Coaxial jack: OD - .215", ID - .082"

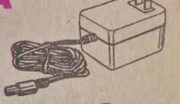
56-502.......................................**$1.75**

12 VDC @ 400 mA
GROUNDED *New*



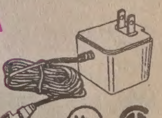
Mfg. - ELECTRO MECH
Mfg.# - I-1409
2-3/4" x 2-1/2" x 2"
Input: 120 VAC, 60 Hz, 20 watt
Output: 12 VDC @ 400 mA
The enclosure and 6ft cord are black. Output via a 2 pin molded plug.
56-547.......................................**$2.29**

12 VDC @ 500mA

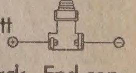


Mfg. - AT&T
Mfg.# - A-41-500
2-3/4" x 2" x 1-5/8"
Input: 120 VAC, 60 Hz, 12 watt
Output: 12 VDC @ 500mA
The enclosure and 6ft cord are black. Center is positive for polarity. Coaxial jack: OD - .215", ID - .082" Originally intended as a trickle charger for AT&T model 3630.
56-508.......................................**$2.49**

12 VDC @ 600 mA
PANASONIC TYPE BATTERY CHARGER



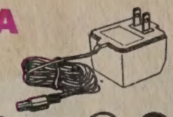
Mfg. - IMC, #48-260-A
2-3/8" x 1-7/8" x 2-1/4"
Input: 120 VAC, 60 Hz, 15 watt
Output: 12 VDC @ 600 mA



The enclosure and 6ft cord are black. End connector is used to charge Panasonic® cellular and camcorder batteries. Charges Panasonic® PU-BP80, BP88, BP50 and EB-362.
56-386.......................................**$4.49**

ADAPTERS

12 VDC @ 800 mA

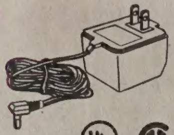


Mfg. - APS
2" x 2-1/4" x 2-1/2"
Input: 120 VAC, 60 Hz, 15 watt
Output: 12 VDC @ 800 mA

The enclosure and 6ft cord are black. Contains a capacitor for filtering. The center is positive for polarity. Coaxial jack: OD - .215", ID - .082".

56-444..**$3.99**

12 VDC @ 1 AMP

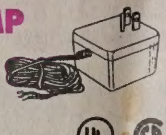


Mfg. - NOVATEL
Mfg.# - W48D-J1000-C/2
2-1/2" x 2-1/4" x 2"
Input: 120 VAC, 60 Hz, 30 watt
Output: 12 VDC @ 1 amp filtered

The enclosure and 6ft cord are black. Center is positive for polarity. Right angle coaxial jack: OD - .215", ID - .082".

56-511..**$4.95**

12 VDC @ 1.5 AMP

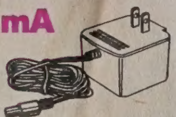


Mfg.# - WP-571812D
3-3/8" x 2-5/8" x 2-1/4"
Input: 120 VAC, 60 Hz, 40 watt
Output: 12 VDC @ 1.5 amp

The enclosure and 6ft cord are black. Output via spade lug and stripped and tinned end.

56-544...........................*New*...**$7.95**

13.5 VDC @ 700 mA

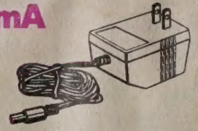


Mfg.# - RADPA0013UA2A
2-1/4" x 2-1/4" x 2"
Input: 120 VAC, 60 Hz, 17 watt
Output: 13.5 VDC @ 700 mA

The enclosure and 6ft cord are black. Center is positive for polarity. Coaxial jack: OD - .215", ID - .082".

56-499..**$4.95**

14 VDC @ 850 mA

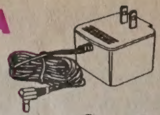


Mfg. - GOLDSTAR
Mfg.# - KNU-1485
3-1/8" x 2-1/2" x 2"
Input: 120 VAC, 60 Hz, 18 watt
Output: 14 VDC @ 850 mA

The enclosure and the 6ft cord are black. Center is positive for polarity.
Coaxial jack: OD - .215", ID - .082"

56-556...........................*New*...**$5.95**

12 VDC @ 800 mA

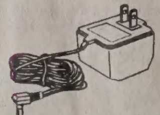


Mfg.# - DV-1280
2-1/4" x 2-1/4" x 2"
Input: 120 VAC, 60 Hz, 16 watt
Output: 12 VDC @ 800 mA

The enclosure and 6ft cord are beige. Center is positive for polarity. Right angle coaxial jack: OD - .235", ID - .12".

56-498..**$3.99**

12 VDC @ 1 AMP

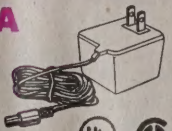


Mfg. - AT&T
Mfg.# - W48D-J1000-C/2
2-1/2" x 1-7/8" x 2-1/4"
Input: 120 VAC, 60 Hz, 30 watt
Output: 12 VDC @ 1 amp

The enclosure and 6ft cord are black. Center is positive for polarity. Right angle coaxial jack: OD - .215", ID - .082". Originally intended for Cellular Telephone Rapid Charger 3630/3420.

56-507..**$4.95**

13 VDC @ 800 mA

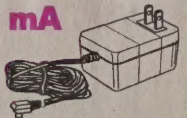


Mfg.# - SPN4029A
2-5/8" x 2-1/4" x 1-5/8"
Input: 120 VAC, 60 Hz
Output: 13 VDC @ 800 mA

The enclosure and 6ft cord are black. Center is positive for polarity. Coaxial jack: OD - .215", ID - .098"

56-552...........................*New*...**$3.99**

13.5 VDC @ 850 mA

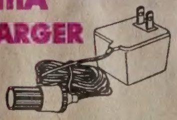


Mfg. - ACTION
Mfg.# - 48-13.5-850 D
2-1/4" x 2-1/4" x 2"
Input: 120 VAC, 60 Hz, 19 watt
Output: 13.5 VDC @ 850 mA

The enclosure and 6ft cord are black. Center is positive for polarity. Right angle coaxial jack: OD - .215", ID - .082".

56-500..**$5.95**

14.5 VDC @ 300mA
NICAD BATTERY CHARGER

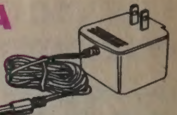


Mfg. - AT&T
Mfg.# - 3440T1/3450T1
2-5/8" x 1-5/8" x 2-1/8"
Input: 120 VAC, 60 Hz, 16 watt
Output: 14.5 VDC @ 300mA

Cellular telephone battery charging power supply for models 3440 and 3450. Charges nickel cadmium batteries only.

56-484..**$4.95**

12 VDC @ 800mA

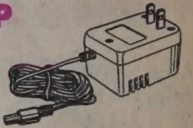


Mfg. - ASANTE
Mfg.# - 52-00007-00
2-1/4" x 2-1/4" x 1-7/8"
Input: 120 VAC, 60 Hz, 16 watt
Output: 12 VDC @ 800mA

The enclosure and 6ft cord are black. Center is positive for polarity. Coaxial jack: OD - .195", ID - .082".

56-550...........................*New*...**$3.99**

12 VDC @ 1 AMP

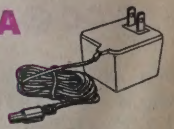


Mfg. - SINO-AMERICAN
Mfg.# - A41210
3-1/2" x 2-3/8" x 1-7/8"
Input: 120 VAC, 60 Hz, 35 watt
Output: 12 VDC @ 1 amp

The enclosure and the 6ft cord are black. Center is positive for polarity.
Coaxial jack: OD - .215", ID - .082"

56-557...........................*New*...**$4.95**

13 VDC @ 800 mA

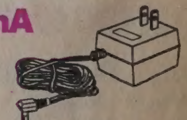


Mfg.# - AD585
2-1/4" x 1-5/8" x 2-1/4"
Input: 120 VAC, 60 Hz, 25 watt
Output: 13 VDC @ 800 mA

The enclosure and 6ft cord are black. Center is positive for polarity. Coaxial jack: OD - .215". ID - .093"

56-434..**$3.99**

14 VDC @ 360 mA

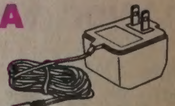


Mfg.# - DV-1250
2-1/4" x 1-7/8" x 1-5/8"
Input: 120 VAC, 60 Hz, 12 watt
Output: 14 VDC @ 360 mA

The enclosure and 6ft cord are black. Center is positive for polarity. Right angle coaxial jack: OD - .215", ID - .098".

56-493..**$1.75**

15 VDC @ 900 mA



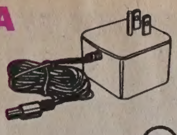
Mfg.# - 481509003C0
2-1/2" x 2" x 2-1/4"
Input: 120 VAC, 60 Hz, 19 watt
Output: 15 VDC @ 900 mA

The enclosure and 6ft cord are black. The center is positive for polarity. Coaxial jack: OD - .215", ID - .098".

56-528..**$6.95**

ADAPTERS

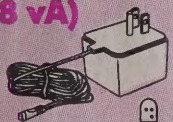
16 VDC @ 700mA



Mfg. - SYMBOL
Mfg.# - 54410-00-00
3" x 2-5/8" x 1-7/8"
Input: 120 VAC, 60 Hz
Output: 16 VDC @ 700mA
The enclosure and 6ft cord are black. Center is positive for polarity. Coaxial jack: OD - .215", ID - .082"

56-485..**$5.95**

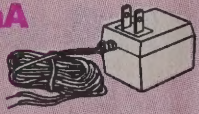
8 VAC @ 1 AMP (8 vA)



Mfg. - APPLE
2-1/4" x 2" x 1-3/4"
Input: 120 VAC, 60 Hz
Output: 8 VAC @ 1 amp (8 vA)
The enclosure and the 6ft cord are off-white. Out via 3 pin connector. Originally intended for use with Apple modem.

56-525..**$2.99**

9 VAC @ 150 mA

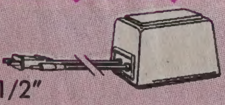


Mfg. - VIEWSONICS
Mfg.# - VSADP-20
2-1/4" x 1-5/8" x 1-3/8"
Input: 115 VAC, 60 Hz, 3 watt
Output: 9 VAC @ 150 mA
The enclosure and 6ft cord are black. Cord has stripped and tinned leads.

New

56-475..**$1.49**

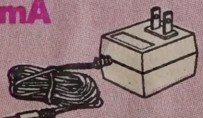
9 VAC @ 3.4 AMP (31 vA)



Mfg. - ATARI
Mfg.# - C017945
3-1/2" x 2-5/8" x 2-1/2"
Input: 120 VAC, 60 Hz
Output: 9 VAC @ 3.4 amp (31 vA)
The enclosure and the cords are black. Both input and output cord is 6ft. Coaxial jack: OD - .215", ID - .098"

56-518..**$12.95**

12 VAC @ 600 mA

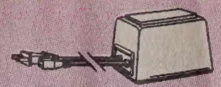


Mfg. - ATI
Mfg.# - DV-1260
2-3/8" x 2" x 1-5/8"
Input: 120 VAC, 60 Hz, 10 watt
Output: 12 VAC @ 600 mA
The enclosure and 6ft cord are black. Coaxial jack: OD - .215", ID - .082".

New

56-546..**$2.25**

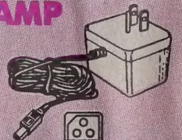
DUAL 6 VAC 1.5 AMP
DESKTOP



Mfg. - MILTON BRADLEY
Mfg.# - DV-9034A
2-3/4" x 3-1/2" x 2-5/8"
Input: 120 VAC, 60 Hz, 42 watt
Output: 6 VAC - 1.5 amp

56-231..**$2.95**

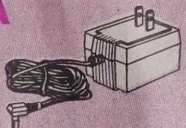
8.5 VAC @ 1.35 AMP
GROUNDED



Mfg.# - 338-1088
2-1/4" x 2" x 2"
Input: 120 VAC, 60 Hz, 16 VA
Output: 8.5 VAC @ 1.35 amp
The enclosure and the 6ft cord are black. Output via a 3 pin molded plug.

56-510..**$3.99**

9 VAC @ 780 mA

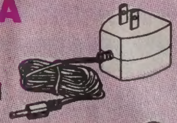


Mfg. - AT&T
Mfg.# - DAS-2
2-5/8" x 2-1/8" x 1-7/8"
Input: 120 VAC, 60 Hz, 15 watt
Output: 9 VAC @ 780 mA
The enclosure and the 6ft cord are white. Right angle coaxial jack: OD - .215", ID - .082"

New

56-554..**$2.49**

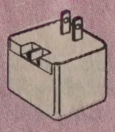
12 VAC @ 150 mA



Mfg. - HAMILTON BEACH
Mfg.# - 533-CG
2" x 1-5/8" x 1-1/2"
Input: 120 VAC, 60 Hz, 9 watt
Output: 12 VAC @ 150 mA
The enclosure and the 6ft cord are white. 1/8" plug.

56-217..**$1.49**

12 VAC @ 830 mA (10 vA)

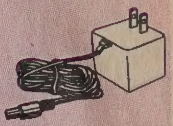


Mfg. - AULT
Mfg.# - 308-1112-000
2-1/4" x 1-7/8" x 2"
Input: 120 VAC, 60 Hz, .13 amp
Output: 12 VAC @ 830 mA (10 vA)
Beige plug in class 2 transformer
Output via screw terminals

New

56-541..**$2.49**

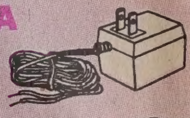
7 VAC @ 1.4 AMP (10 vA)



Mfg. - AULT
Mfg.# - 328-1107-001E3
2-1/4" x 2" x 1-7/8"
Input: 120 VAC, 60 Hz
Output: 7 VAC @ 1.4 amp (10 vA)
The enclosure and the 6ft cord are black..
Coaxial jack: OD - .215", ID - .098".

56-519..**$3.99**

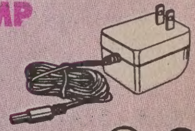
9 VAC @ 150 mA



Mfg. - VIEWSONICS
Mfg.# - VSADP-20
2-1/4" x 1-5/8" x 1-3/8"
Input: 115 VAC, 60 Hz, 3 watt
Output: 9 VAC @ 150 mA
The enclosure and 6ft cord are black. Cord has stripped and tinned leads.

56-475..**$1.49**

9 VAC @ 1.3 AMP

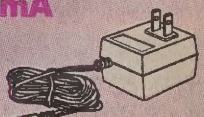


Mfg. - TENGEN
Mfg.# - 3000
3" x 2-1/4" x 1-7/8"
Input: 120 VAC, 60 Hz, 22vA
Output: 9 VAC @ 1.3 amp
The enclosure and 6ft cord are black. Coaxial jack: OD - .215", ID - .082". Originally intended for NINTENDO control deck

New

56-540..**$6.95**

12 VAC @ 500 mA

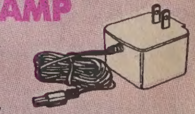


Mfg. - WRC
Mfg.# - A7-10-01
2" x 2-1/4" x 1-5/8"
Input: 120 VAC, 60 Hz
Output: 12 VAC @ 500 mA
The enclosure and 6ft cord are black. Coaxial jack: OD - .215", ID - .082".

New

56-551..**$2.49**

12 VAC @ 1.25 AMP

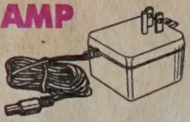


Mfg. - GCH SYSTEMS
Mfg.# - DV-1215A
2-3/8" x 1-7/8" x 2-1/4"
Input: 120 VAC, 60 Hz, 30 watt
Output: 12 VAC @ 1.25 Amp
The enclosure and the 6ft cord are black. Plug-in class 2. Coaxial jack: OD - .194", ID - .08"

56-358..**$4.99**

ADAPTERS

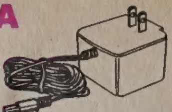
13.7 VAC @ 2.4 AMP



Mfg. - JEROME
Mfg.# - PITF-32
3-1/4" x 2-3/4" x 2-1/4"
Input: 120 VAC, 60 Hz
Output: 13.7 VAC @ 2.4 AMP
The enclosure and 6ft cord are black.
Coaxial jack: OD - .215", ID - .098".

56-521..**$9.95**

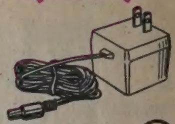
14 VAC @ 200 mA



Mfg. - NUREALITY
Mfg.# - W35A-14200
2-1/4" x 1-5/8" x 1-9/16"
Input: 115 VAC, 60 Hz, 6 watt
Output: 14 VAC @ 200 mA
The enclosure and 6ft cord are black.
Coaxial jack: OD - .215", ID - .098".

56-531..**$1.49**

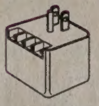
16 VAC @ 625 mA (10vA)



Mfg. - AT&T
Mfg.# - 5500
2-5/8" x 2-1/4" x 2-5/8"
Input: 120 VAC, 60 Hz, 16 watt
Output: 16 VAC @ 625 mA (10 vA)
The enclosure and 6ft cord are black.
Coaxial plug OD - .196", ID - .082".

56-530..**$5.95**

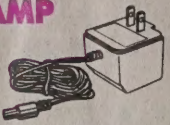
16 VAC @ 1.25 AMP (20 vA)



Mfg. - AULT
Mfg.# - 318-2016-00E
2-3/16" x 1-7/8" x 1-7/8"
Input: 120 VAC, 60 Hz (Grounded)
Output: 16 VAC @ 1.25 amp (20 vA)
Black plug in class 2 transformer.
Output via screw terminals.

56-522..**$6.95**

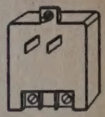
16 VAC @ 1.25 AMP



2-1/4" x 2-1/2" x 2"
Input: 120 VAC, 60 Hz, 28 watt
Output: 16 VAC @ 1.25 amp
The enclosure and 6ft cord are black.
Coaxial jack: OD - .189", ID - .056".

56-382..**$7.95**

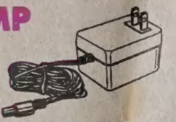
16.5 VAC @ 900 mA (15 vA)



Mfg. - BASSLER
3" x 2" x 2-1/4"
Input: 120 VAC, 60 Hz
Output: 16.5 VAC @ 15 vA (900mA)
Plug-in class 2 transformer. Output via two screw.

56-517..**$5.95**

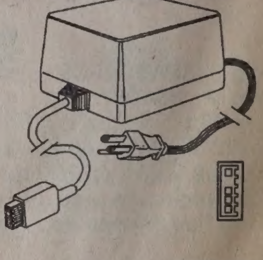
18 VAC @ 1.5 AMP



Mfg.# - 57A-18-1500
3-1/4" x 2-1/2" x 2-1/8"
Input: 120 VAC, 60 Hz, 41 watt
Output: 18 VAC @ 1500 mA
The enclosure and 6ft cord are black.
Coaxial jack: OD - .215", ID - .082".

56-542.............................*New*.....**$7.95**

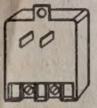
18 VCT @ 2.22 AMP



Mfg. - MP INTERNATIONAL
Mfg.# - T57A-N2220-A1
3-5/16" x 2-1/8" x 2-3/4"
Input: 120 VAC, 60 Hz
Output: 18 VCT @ 2.22 amp
The enclosure and the cords are black.
The input cord is grounded. The output cord is heavy duty with a 4 pin Molex connector on the end.

56-533..**$12.95**

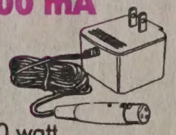
19 VAC @ 840 mA



Mfg. - POTRANS
Mfg.# - WP571619
2-1/2" x 3-1/2" x 2-1/8"
Input: 120 VAC, 60 Hz, 25 watt
Output: 19 VAC @ 840 mA
Class 2, plug-in transformer. The enclosure is black. Output via two screw terminals.

56-310..**$2.99**

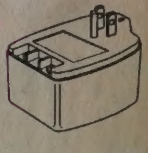
19.3 VAC CT @ 600 mA



Mfg. - TELTREND
Mfg.# - WP481220C
2-1/2" x 2-3/8" x 1-7/8"
Input: 120 VAC, 60 Hz, 20 watt
Output: 19.3 VAC CT @ 600 mA
The enclosure and 6ft cord are black.
3 pin Female XLR connector.

56-356..**$3.99**
30-526...3 pin Male XLR Connector....**$2.50**

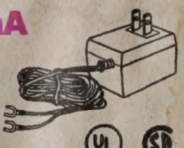
20 VAC @ 700 mA



Mfg.# - WP571420G
3-1/2" x 2-1/4" x 2-1/2"
Input: 120 VAC, 60 Hz
Output: 20 VAC @ 700 mA
Class 2, plug in transformer
The enclosure is black. Output via two screw terminals.

56-526..**$2.99**

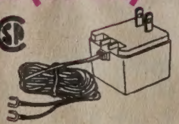
24 VAC @ 600 mA (14.4 vA)



Mfg. - JAMES HARDIE
3-1/8" x 2-1/4" x 1-7/8"
Input: 120 VAC, 60 Hz, 18 watt
Output: 124 VAC @ 14.4 vA (600mA)
The enclosure and 6ft cord are black.
Cord is terminated with two spade lugs.

56-481..**$2.99**

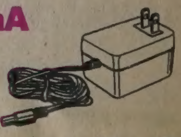
24 VAC @ 625 mA (15 vA)



Mfg. - BASLER
2-3/8" x 1-7/8" x 3"
Input: 120 VAC, 60 Hz
Output: 24 VAC @ 15 vA (625 mA)
The enclosure and 6ft cord are black.
Cord is terminated with two spade lugs.
Plug-in class 2.

56-439..**$3.49**

24 VAC @ 830 mA

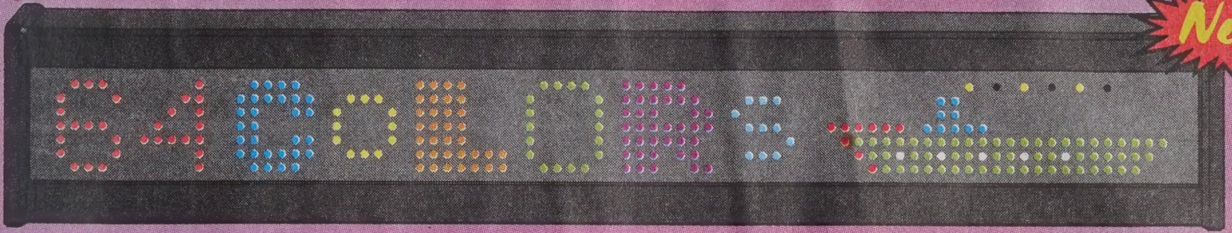


Mfg. - HI TECH
Mfg.# - WP572024
3-1/4" x 2-5/8" x 2-1/8"
Input: 120 VAC, 60 Hz, 30 watt
Output: 24 VAC @ 830 mA
The enclosure and 6ft cord are black.
Coaxial plug: OD - .215", .082".

56-532..**$4.99**

MOVING MESSAGE SIGN

New



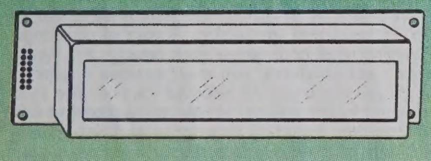
64 COLORS AND HUES - RAINBOW, DAZZLE & MARQUEE.

- Flashes, wipes up & down, moves left, right and jumps.
- Stores up to 35 messages which can be displayed in any sequence.
- Animated multi-colored graphic characters
- Tiny, standard, double, bold and italic letter styles.
- UPPER and lower case letters.
- Clock - for time display - multi time zone functions.
- Large memory - approx 5000 characters
- Battery back-up for message memory protection.
- Draw your own full color graphics and logo.
- Adjustable speed control.
- Handheld wireless keypad.

Cabinet size: 2ft-4-3/8″ x 5-1/2″ x 1-1/2″, 4-1/2 lbs; Display area: 2ft-2-1/3″ x 2-3/8″. Includes 9 VAC adapter. 13 character minimum. 2-1/8″ height, 10 mcd 5mm LED (560 pixels). 7 vertical lines of resolution.

80-282..**$299.95**

20 CHARACTER X 2 LINE LCD DISPLAY



Mfg. - SHARP
Mfg.# - LM202F05
4-1/2″ x 1-3/8″ x 9/16″

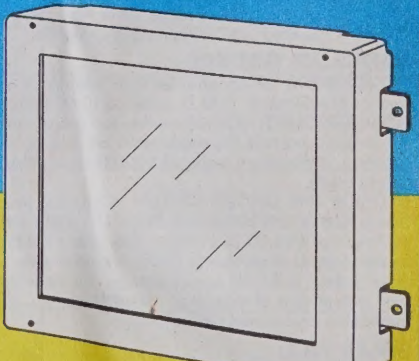
5 x 7 + cursor. .19″ char. ht. dot matrix display. Yellow-green LED backlight. On board CPU, RAM and ASCII char. generator IC, CMOS/TTL signal level. +5 VDC for logic and +5 VDC for contrast adj. 16 I/O power pins. Complete specs included.

25-314..**$8.95**

320 x 200 DOT LCD GRAPHIC MODULE

Ⓤ

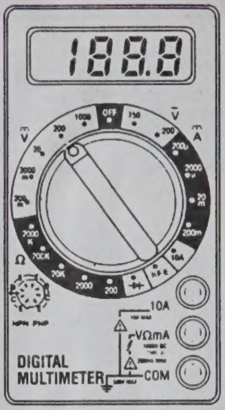
New



Mfg. - OPTREX
Mfg.# - DMF50045NB-FW
6-3/8″ x 5-1/4″ x 7/8″
320(W) x 200(H) dot LCD module with on board drivers.
Displays graphics, figures and characters.
Dot size: .34 x .48mm. Viewing angle: 121 x 104mm
High contrast, wide viewing angle. Low voltage drive and low power consumption.
Requires E-1330BA controller and CXAM10L inverter for fluorescent backlight.
Data sheet included.

25-323..**$99.95**

3-1/2 DIGIT LCD MULTIMETER

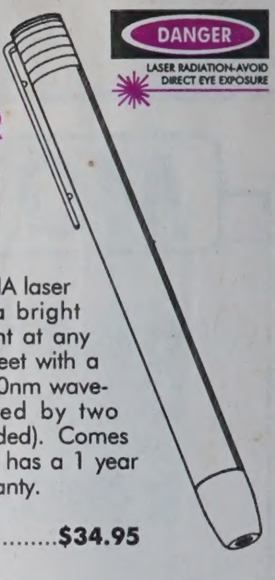


5"(L) x 2-3/4"(W) x 1"(H)
Diode test and hFE test. 3-1/2 digit, 7 segment, .5" high LCD. Maximum common mode voltage 500V peak, better than 1% accuracy. Safety yellow compact case has a single rotary knob. Supplied with removable color coded test leads, 9V battery and manual.

DC voltage: 200mV, 2000mV, 20V, 200V, 1000V
DC current: 200μA, 2000μA, 20mA, 2000mA, 10A
AC voltage: 200V, 750V
Resistance: 200Ω, 2000Ω, 20KΩ, 200KΩ, 2000KΩ

9202.. $16.95

4 mW LASER POINTER


DANGER
LASER RADIATION-AVOID DIRECT EYE EXPOSURE

Super Bright

5" x 1/2" dia.
This 4mW class IIIA laser pointer directs a bright beam of red light at any spot up to 900 feet with a sharp beam. 650nm wavelength. Powered by two "AAA" cells (included). Comes in a gift box and has a 1 year limited mfg. warranty.

75-221...................**$34.95**

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BY PHONE: You may phone your order to Hosfelt Electronics, Inc. by calling: **800-524-6464.** This toll-free line is manned from 8:30 a.m. to 5.30 p.m., Eastern Standard Time, Monday through Friday. Local calls: **614-264-6464.**

BY FAX: 24 hour access, 7 days a week for facsimile orders at **800-524-5414 or 614-264-5414.**

PAYMENT:

You may pay by check, money order, Visa, Master Card, American Express, Discover, or UPS C.O.D. (cash on delivery). Sorry, no Parcel Post C.O.D.'s. United States funds only.

CREDIT: Immediate credit will be extended to schools, hospitals, government agencies and public utilities when ordering by purchase order. Same day credit will be extended to well rated companies listed with Dun & Bradstreet. Companies not rated with D & B may establish credit by contacting us for a credit application. Since this process takes some time, prepay or C.O.D. is required until processing is complete.

MINIMUM ORDERS:

NO MINIMUM for continental U.S. paying by credit card or prepayment. C.O.D. orders $10.00 minimum.

OPEN ACCOUNT: $25.00 minimum. (Sorry, but it is too costly to process the paper work on a lesser dollar volume.) A minimum order of $100.00 is required for instant credit.

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SALES TAX:

All orders with an Ohio shipping address must include 6.5% Ohio sales tax on the merchandise portion of your order, unless you provide us with an exemption permit or Ohio resale tax number.

Please be advised that we are not set up to remit sales tax to states other than Ohio. If your purchases are subject to sales tax in another state it will be your responsibility to remit to that state.

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Hosfelt Electronics, Inc. will ship orders via UPS ground unless otherwise requested. We recommend UPS 2nd Day Air, or Next Day Air if express shipment is needed. (Please Note: Next day air orders may not be shipped C.O.D.).

Please note: Parcel post may take an additional day for processing. Non-continental United States orders, please allow an additional 5 working days to process. Because of the additional cost of handling parcel post orders, a $1.95 handling fee will be charged.

Motor freight will be used for shipment of bulk orders when excessive weight is involved.

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If you have a requirement for a quantity of an item beyond the largest package listed in the catalog, please contact us. We can advise on total availability and larger quantity pricing.

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If you receive a shipment containing freight damaged merchandise, please retain the package, including the packing material, and notify us of the damage within 3 days of its receipt. We must file a claim from Steubenville, and will advise you as to further action.

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If the buyer refuses to accept a shipment for any reason, seller is entitled to be compensated for all shipping charges and 15% of the order value, but in no case less than $5.00. Also, once you have refused a shipment, we will require prepayment on all future orders. If a package is returned to us that could not be delivered due to customer error, and you would like the package re-shipped, you will be assessed a $5.00 reshipment charge. If the return is due to our error, no additional fee will be charged.

ALL MERCHANDISE SUBJECT TO PRIOR SALE

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Hosfelt Electronics, Inc. strives to accurately describe all items and to provide high quality merchandise. If for any reason you are dissatisfied, please fill out the Return Merchandise Form enclosed with your order, and return the merchandise within 30 days in new, resellable condition for a refund or credit. Shipping is not refundable unless an error was caused by Hosfelt Electronics, Inc., in which case return shipping is refunded.

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Since we have neither manufactured any of the items offered in this catalog, nor purchased them with recourse to warranties by their original manufacturers, we cannot make any warranties or accept any responsibility for their use or misuse beyond our selling price. We do, however, guarantee the merchandise to be delivered in good condition.

PRODUCT RETURN POLICY:

All returns or exchanges must be made within 30 days from the receipt of merchandise. Returns or exchanges may be made by filling out the 'Return Merchandise Form' enclosed with your order. A copy of your original invoice must accompany your return. If it was a charge card purchase, you must enclose a copy of your charge slip also. All returned merchandise must be shipped freight prepaid in new, unused and re-sellable condition, including accessories and documentation. Parts returned due to customer error are subject to a 15% restock charge. Items considered "special" are non returnable. In order to receive a credit or refund, parts must be received within 30 days of the sales order date. After such time, all sales are considered final.

ERRORS & OMISSIONS:

Seller reserves the right to correct clerical errors and omissions. Customer order shortage claims must be made within 15 days of shipment to be valid.

98% OF OUR ORDERS ARE SHIPPED WITHIN 24 HOURS

NO MINIMUM ORDER CHARGE CARD OR PREPAY

HOSFELT ELECTRONICS, INC.
2700 SUNSET BOULEVARD
STEUBENVILLE, OH 43952-1158

Call Toll Free
800•524•6464
Local: 614-264-6464

Fax Toll Free
800•524•5414
Local: 614-264-5414

SOLD TO

Date ________ Customer # ________________

Sold to ________________________

Attn ________________________

Address ________________________

City ________________________

State ________________________

Zip ____________ - - - ____________

Purchase Order # ________________

Ship Via ________________________
(Sorry, no Parcel Post C.O.D.'s)

Daytime Phone (_____) ________________

Fax (_____) ________________

SHIP TO

Ship to ________________________
(If different from "Sold to")

Attn ________________________

Address ________________________

City ________________________

State ________________________

Zip ____________ - - - ____________

If something is temporarily out of stock, would you like us to:
(✓) *(check one)*

☐ *Back Order - Ship Partial*
Back orders are shipped freight free on regular stocking items.

☐ *Hold - Ship complete in 5-10 days*

☐ *Cancel Item*

HEI Part#	*Qty*	*Description*	*Unit Cost*	*Total Price*

Payment Method (check one) (✓)

☐ *Check / Money Order* ☐ *C.O.D.* ☐ *Charge Card*

Charge Card# ________________________ *Exp. Dat* _____ / _____

Cardholder Name ________________________

Signature ________________________

VISA MasterCard AMERICAN EXPRESS DISCOVER

Subtotal	
Estimated Shipping $6.50	
COD Fee $5.00	
6½% Ohio Sales Tax	
TOTAL	

ULTRA MINI BULLET CAMERA

New

Actual Size...

1-1/4" x 3/4"dia, 1oz

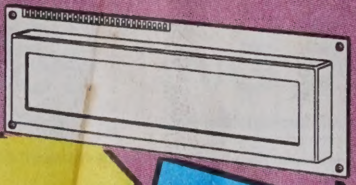
1/3" black & white CCD metal housing camera comes complete with a 3.6mm wide angle lens, mounting bracket, 3ft output cable with RCA jack and a 12 VDC power supply. Requires only .5 lux and has 400 lines of resolution.

74-506....Silver Body
74-507....Black Finish
74-508....Pinhole w/ Black Finish

$169.95

16 X 1 LCD MODULE

New



Mfg. - VARITRONIX, #MDL-16166
3-1/8" x 1-5/16" x 7/16"

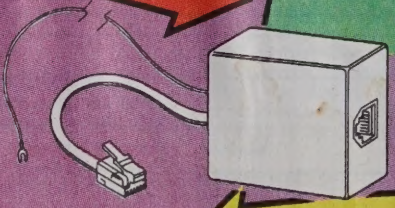
Character 5 x 8 dots, display area 2-1/2" x 1/2" Character size .124"W x .248"H, requires 5 VDC Complete spec sheet included. Dark blue character on a silver/grey background. 14 pin I/O interface connectors.

25-326.. $5.95

TELEPHONE - DATA LINE SURGE SUPPRESSOR

New

Mfg. - ELECTRA GUARD®, #EG111-2
Full protection for your fax, modem and answering machine equipment. Eliminates noise and disturbances. Transient suppression voltage - 180 volts. 80 joules. <3ns response. RFI/EMI protection. 5 year mfg. warranty.



56-568........................ $1.95

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